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<220>
<221> misc_feature
<222> (1055)...(732)
<223> similar to gi34659 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7892
tttttatatt tttaaatatt ttatttttctt gttctttgtg aaaacatcaa taaatatcga      60
aacctctctg ctctaacaca gagggaaaca ctgcataatt aacattaaac aaggcagtat      120
gccttacaag aaagacataa aatgtccaag ggatatttag aacatttttag ttcttaaagc      180
ttcaacatga gaaatggtga ccacacactg tgaaatcatt tcaataaata acaactgaca      240
ttcatcttta cagttacaaa atagacacac atacatttcc ctgccgtcac attgatctta      300
ctggccattt tcttggattc ctcagcctct atcacagtgg ctgacatgtg atatgtcatc      360
acgaagaaat attaacaaat gactagagaa tatctgcaaa ccttctatct tcaaattaaa      420
tatgaatcag gattgaacta acttgggttt gacctaaaat aaacaataaa tataatggga      480
gagtgtgcaa gtagattcaa tcataacctt attttacaca taaaatatta acatagaatc      540
ttctaaaaca aacaaataaa taaataaata aataaataaa tagaagactt ctctaagtgt      600
atgctcaaac acattaggcg caatccaggt ggcctctgca gctgtgtctc tctttcctct      660
tctgttcttg taagggcagg gcctccttca ggaacagcca ccaataagct tctccttcc      720
ttctggtcag ttggatttgc catttttcag catcttttcg atgattttct taaccatggg      780
cgatgcgggg ttgagacaag ctttctgccc attcttgagt gtggctatga cttcggtttg      840
ggcgagtggt ggtccggggg acttcacett cacactttgg atgttcttga ggtgaattcc      900
ctgcagggtc tgcaagcact ggcagcgtag ttcagtggcc aggggcgctc ctgctgcgcg      960
ccggctggcg gccaccagga gcaggagcag cagcgccact cgcaggagcc ggggatttgt      1020
gggggcggcg gagagcgtgg cgcgggccat ggggctcagc aggcgggttcg agcggctgtg      1080
cgaggaggag agctggcaag gagctccgtg gcccgggctc tgtc                        1124

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<210> 7893
<211> 2855
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2856)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2795)...(2118)
<223> similar to gi4929659 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7893
ttcaaaattc tgaaaacagt attaaggaaa aacaggaact gtttcactta ggtcttacct      60
agtatagtag tgaatcaact tcacaattag taagattatc aacatgaata caaaagcaag      120
actacaaact gattattttc ttttggagat gttttatgat caattccaaa catacagtac      180

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aggggaaggtg	aaatgagtaa	gaaaaaaaaa	tcatatttaa	gtccccgtta	acactaagcc	240
atattattca	aaatgtgttt	caaaatactc	agccagatca	ccaaatctca	gtcactacct	300
tagtataaat	attcactaag	aaaatagtca	agcaacagaa	atccattgtg	agacaccatc	360
tagagagaac	agctacactg	ctatatataa	tttattaact	tagtagttta	gtttctcaat	420
atthagcaag	tttaaaaatt	accattacca	ttggtttata	gtgccattaa	tataaatcca	480
taatttcaaa	gtcatcattc	ctttcactgt	gaactaagac	ttcttaaaag	atagtgtgtg	540
gttggggaac	agtaatgact	gtagctgatg	ggcagtggtc	aaagccaaaa	agactggcaa	600
gcttggaag	gcatacacta	tacatacaca	cactctcagt	atactactgt	tccccttatt	660
tttgctgtac	attcctgtct	gaaaagatgg	tataaattat	tcccttaa	ttgaaaaaac	720
aattaagatg	aatacatttt	catcttcatt	tcaaaattat	ccttctaaat	aaaaaagttc	780
ctcatgtttg	ttaaactctgt	tcaaaagttg	gatttaaata	ctttcttcac	aacatgtaca	840
atgttttcac	ccttactgcc	tcattacaat	cagtttgga	ataagacctc	cagtgtctta	900
tcaaaaatgg	cattcaatag	attataagat	tgttaaatct	gcatttcaat	cattcttacc	960
acaatgaatt	ataacaaagt	ccaaaaaaat	gtatgactat	tcatcaacac	ccttggaa	1020
tatgaattat	tgcaaaataat	ctcacacgtg	catgtaatcc	aaacataaac	ttcgtgggag	1080
aggggggtgta	aaataaatac	tatggatatt	cttcaattct	atttaagtct	gcctagctgg	1140
ttaaatgaaa	gattaatata	ttactaacag	gaagagtcaa	actatttta	ggactgtttt	1200
ctaagtagaa	caattttgca	aaacaaagat	aagcaagagc	ctatgcaa	acattttctt	1260
gtagtgtaat	gtaattgcta	atatgaggta	taatctgtaa	gcaattaata	caaatataaa	1320
taggtataag	ccaccactaa	ctcagtctgg	tgaaaagctt	ctcagctaaa	gtagtgtgaa	1380
gataagggtta	agggaaatga	gaaggggtgg	acagggcagg	tttcagtg	gaaaataatt	1440
tatgtgcctt	accattgtga	tcacctgtga	tgtaccagtc	cgttgttgca	gaacggtaaa	1500
tcctttccaa	gtatgttata	ctttatgtag	cacagtaaaa	ttatttaagt	attactaatg	1560
cttcatttgc	atttgtattt	agatatacac	ataattatat	atgcatatca	aaaactataa	1620
acagaatttt	aaaacacttt	tatctcaatt	ggggaaagtt	aacaggtaag	acaaaactac	1680
gtactacaga	atttttttagg	atatctaaac	tcaaggtaaa	accaatagaa	aacatttcta	1740
cctctttagt	aaatggcttg	tgtgaaacct	caagctctcc	ctcatttttt	ttacagatgg	1800
gtttgtctga	tgaggattgt	gatccaatga	ttgttttagca	gcaattttac	caaaactgta	1860
aattctttta	ttaacaggca	ttataaacag	ataatactaa	tcttatttaa	aaaccatgag	1920
tgccacactg	gtgaatatac	agcttatgaa	taacttaaaa	agtatttccc	attttaaaag	1980
gcaaaccag	catacaaaaa	cctatactaa	acaaagaagc	tataatatgg	atacatgatt	2040
gatgtgtcta	aaatgatata	tacagtacat	aatgttaatt	atatgatcag	tacatttttc	2100
ctatgattcc	cttcagtctt	cactttcccc	agaaactgaa	ttctgtactt	cctcttctaa	2160
aattggtaca	atcagggttat	ccttgga	caaattgtat	ttcatcacia	acttagtaaa	2220
ccgatgacac	aaaaatgttt	cattttcata	ttcatcaaat	atctgccgat	gatgaaaata	2280
agcatgtgaa	aatattctgt	aaatcctacg	gcatactgat	cctagtttcg	ctacagatga	2340
ttcctttatg	ctaaccctgc	tgggaaaata	tttattgcta	ttcagaagac	atgcagcacc	2400
atcaagtgtg	tgtctagtat	agtctatagc	aggacactct	tttgga	tatgagctgc	2460
acaaagaaaa	atccattgtt	cagttgctgt	catttgagtg	caagtatctg	gatggcattc	2520
actctgaagt	ttgacagcaa	gtccatttag	ctcaaggcag	aactgcctta	aatgttcata	2580
cttccacaca	ccttcactct	ggccttcagg	tggttcaaga	attttgtcaa	tattggagca	2640
atctgctctt	atgttctgtt	gaatatactg	ttgaacagct	agtgtactgt	ccatttcac	2700
aaaggattca	tcaggccaat	tatagaaatc	ctgcgccttg	gtgcccgcc	tgttccgcct	2760
cagcactgcc	gtccctccg	ccatgaccat	agtgccagcg	tctaggcggc	tggagtcgga	2820
attccnecgn	nctggctagt	gtcatcgatt	ttcaa			2855

<210> 7894
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (852)...(151)

<223> similar to gi33702 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7894

tttttttttt	ttctggttgt	caatgaggat	atattattggg	gtttcatgag	tgcagggaga	60
agggctggat	gacttgggat	ggggagagag	acccctcccc	tgggatcctg	cagctccagg	120
ctcccgtggg	tggggttaga	gttgggaacc	tatgaacatt	ctgtaggggc	caactgtcttc	180
tccacggtgc	tcccttcatg	cgtgacctgg	cagctgtagc	ttctgtggga	cttccactgc	240
tcgggcgtca	ggctcaggtg	gctgctggcc	gcgtacttgt	tgttgctctg	tttggagggg	300
ttggtggtct	ccactcccgc	cttgacgggg	ctgccatctg	ccttccaggc	caactgtcaca	360
gctcccgggt	agaagtcact	gatcagacac	actagtgtgg	ccttggttggc	ttggagctcc	420
tcagaggagg	gcgggaacag	agtgacagtg	gggttggcct	tgggctgacc	taggacggtg	480
accttggtcc	cagttccgaa	gacataagag	gcagtgtctg	tgtcccacgc	ctgacagtaa	540
tagtcagcct	catccatagc	ctgggtcccc	ctgatgggtc	gggaggccgt	gttgccagag	600
ttggaccagg	agaatcgctc	agggatccct	gagggccgct	tgtcaccttg	atagatgacc	660
agcacagggg	actggcctgg	cttctgctga	taccagcaag	tagataaatc	ccccaattta	720
tctccagagc	aggtgatgct	ggctgtctgt	cctggggaca	cggacactga	gggtggctga	780
gtcagctcat	aggaggccac	ggatcctgtg	cagtaagcaa	ggacgccgag	gaagagaggg	840
atccatgcc	tggtgaggc	acctccgat				869

<210> 7895

<211> 3807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(3022)

<223> similar to gi406868 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7895

ggctcggctc	ctagagctgc	cacggccatg	gccagagccc	gcccgcgcgc	gccgcgcgtcg	60
ccgcccgcgg	ggcttctgcc	gctgtccct	ccgtgctgc	tgtgcccgt	gctgctgctg	120
cccgcgggct	gccgggcgct	ggaagagacc	ctcatggaca	caaatgggt	aacatctgag	180
ttggcgtgga	catctcatcc	agaaagtggg	tgggaagagg	tgagtggcta	cgatgaggcc	240
atgaatecca	tccgcacata	ccaggtgtgt	aatgtgcgcg	agtcaagcca	gaacaactgg	300
cttcgcacgg	ggttcatctg	gcggcgggat	gtgcagcggg	tctacgtgga	gctcaagttc	360
actgtgcgtg	actgcaacag	catccccaac	atccccggct	cctgcaagga	gaccttcaac	420
ctcttctact	acgaggctga	cagcgatgtg	gcctcagcct	cctccccctt	ctggatggag	480
aaccctacg	tgaaagtgga	caccattgca	cccgatgaga	gcttctcgcg	gctggatgcc	540
ggccgtgtca	acaccaaggt	gcgcagcttt	gggccacttt	ccaaggctgg	cttctacctg	600
gccttccagg	accagggcgc	ctgcatgtcg	ctcatctccg	tgcgcgcctt	ctacaagaag	660
tgtgcatcca	ccaccgcagg	cttcgcactc	ttccccgaga	ccctcactgg	ggcggagccc	720
acctcgctgg	tcattgtctc	tggcacctgc	atccctaacg	ccgtggaggt	gtcgggtgcca	780
ctcaagctct	actgcaacgg	cgatggggag	tggatggtgc	ctgtgggtgc	ctgcacctgt	840

gccaccggcc	atgagccagc	tgccaaggag	tcccagtgcc	gcccctgtcc	ccctgggagc	900
tacaaggcga	agcagggaga	ggggccctgc	ctcccattgc	cccccaacag	ccgtaccacc	960
tccccagccg	ccagcatctg	cacctgccac	aataacttct	accgtgcaga	ctcggactct	1020
gcggacagtg	cctgtaccac	cgtgccatct	ccaccccgag	gtgtgatctc	caatgtgaat	1080
gaaacctcac	tgatcctcga	gtggagttag	ccccgggacc	tgggtgtccg	ggatgacctc	1140
ctgtacaatg	tcatctgcaa	gaagtgccat	ggggctggag	gggcctcagc	ctgctcacgc	1200
tgtgatgaca	acgtggagtt	tgtgcctcgg	cagctgggcc	tgtcggagcc	ccgggtccac	1260
accagccatc	tgctggccca	cacgcgctac	acctttgagg	tgcaggcggg	caacgggtgc	1320
tcgggcaaga	gccctctgcc	gcctcgttat	gcggccgtga	atatcaccac	aaaccaggct	1380
gccccgtctg	aagtgcccac	actacgcctg	cacagcagct	caggcagcag	cctcacccta	1440
tcttgggcac	ccccagagcg	gcccacgga	gtcatcctgg	actacgagat	gaagtacttt	1500
gagaagagcg	agggcatcgc	ctccacagt	accagccaga	tgaactccgt	gcagctggac	1560
gggcttcggc	ctgacgcccc	ctatgtggtc	caggtccgtg	ccgcacagct	agctggctat	1620
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gagtacacgg	agaagctgca	gcagtacatt	gctcctggaa	tgaaggttta	tattgaccct	1860
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ctgaaacagc	ctggccgccc	agaggtgttt	gtggccatca	agacgtgtaa	ggtgggctac	2040
accgagaggg	agcggcgggg	cttcctaagc	gaggcctcca	tcatgggtca	gtttgatcac	2100
cccaatataa	tccggctcga	gggcgtggtc	accaaagtc	ggccagttat	gacccctact	2160
gagttcatgg	aaaactgcgc	cctggactcc	ttcctccggc	tcaacgatgg	gcagttcacg	2220
gtcatccagc	tggtgggcat	gttgcggggc	attgctgcgc	gcatgaagta	cctgtccgag	2280
atgaactatg	tgaccgcga	cctggctgct	cgcaacatcc	ttgtcaacag	caacctggtc	2340
tgcaaagtct	cagacttttg	cctctcccgc	ttcctggagg	atgaccctc	cgatcctacc	2400
tacaccagtt	ccctgggccc	gaagatcccc	atccgctgga	ctgccccaga	ggccatagcc	2460
tatcggaagt	tcacttctgc	tagtgatgtc	tggagctacg	gaattgtcat	gtgggaggtc	2520
atgagctatg	gagagcgacc	ctactgggac	atgagcaacc	aggatgtcat	caatgccgtg	2580
gagcaggatt	accggctgcc	accacccatg	gactgtccca	cagcactgca	ccagctcatg	2640
ctggactgct	gggtgcggga	ccggaacctc	aggcccaa	tctcccagat	tgtcaatacc	2700
ctggacaagc	tcatccgcaa	tgctgccagc	ctcaaggtea	ttgccagcgc	tcagtctggc	2760
atgtcacagc	ccctcctgga	ccgcacggtc	ccagattaca	caaccttcac	gacagttggg	2820
gattggctgg	atgccatcaa	gatggggcgg	tacaaggaga	gcttcgtcag	tgcggggttt	2880
gcatcttttg	acctggtggc	ccagatgacg	gcagaagacc	tgtcccgat	tggggtcacc	2940
ctggccggcc	accagaagaa	gatcctgagc	agtatccagg	acatgcggct	gcagatgaac	3000
cagacgctgc	ctgtgcaggt	ctgacaccgg	ctcccacggg	gaccctgagg	accgtgcagg	3060
gatgccaaag	agccggctgg	actttcggac	tcttggactt	ttggatgcct	ggccttaggc	3120
tgtggccccag	aagctggaag	tttgggaaag	gcccagctg	ggacttctcc	aggcctgtgt	3180
tccctcccca	ggaagtgcgc	cccaaacctc	ttcatattga	agatggatta	ggagaggggg	3240
tgatgacccc	tcccaagcc	cctcagggcc	cagaccttcc	tgctctccag	caggggatcc	3300
ccacaacctc	acacttgtct	gttcttcagt	gctggaggte	ctggcagggt	caggctgggg	3360
taagccgggg	ttccacaggg	cccagccctg	gcaggggtct	ggccccccag	gtaggcggag	3420
agcagtcctt	ccctcaggaa	ctggaggagg	ggactccagg	aatggggaaa	tgtgacacca	3480
ccatcctgaa	gccagcttgc	acctccagtt	tgacacagga	tttgttctgg	gggctgaggg	3540
ccctgtcccc	acccccgccc	ttgggtgctgt	cataaaaagg	caggcagggg	caggctgagg	3600
agttgccctt	tgccccccag	agactgactc	tcagagccag	agatgggatg	tgtgagtgtg	3660
tgtgtgtgtg	tgcgcgcgcg	cgtgtgtgtg	tgacgcact	ggcctgcaca	gagagcatgg	3720
gtgagcgtgt	aaaagcttgg	ccctgtgccc	tacaatgggg	ccagctgggc	cgacagcaga	3780
ataaaggcaa	taagatgaaa	aaaaaaa				3807

<210> 7896

<211> 971

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (540)...(695)
 <223> similar to gi4200330 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7896

cctggagacc	cctcgagatc	actggcagtg	tggtggaatt	cgtcagagca	agaactggac	60
agcgtggcca	tgaagctcct	tcaccaagta	agcaagctgt	gtgggaagt	cagccccact	120
gacgtggaca	tcctgcagcc	ctccttcaac	ttcctgtatt	ggagccttca	tcagaccaca	180
cccagcagtc	agaaaagagg	tgcaagggcc	cgggctggga	cagtgaagag	tgctgggcag	240
tctgtgggtcc	tctgtatctc	aactttttca	tcttaaaaaa	acaaatagg	ttgtgtgtgt	300
ggctgggtgg	cataaggtcc	tttctggctc	taataacctg	agcttctgtt	atgaagctgg	360
gacccttaga	gcctcaggat	gatcctctgt	ttgtttgtga	agccccaatc	aggtgctaag	420
caccatagtg	gcacttagct	gaagctcctc	tgtaactcct	gtgggcctg	ccttgcccac	480
ccccgacagc	tgctgcagtg	ctcctgagca	gcacaggcct	gatggagctt	ctggagaaga	540
tgctggccct	caccttggca	aaggcagatt	ctcccaggac	tgactcctc	tgctctgcct	600
ggctgtccac	tgccctcttc	tctgcccagc	agcacaagg	cagtttgtag	aaggaccctc	660
tattgtccca	ggcctgtgtt	ggctgcctgg	aggccttgct	tgactacctg	gatgcccgga	720
gccagacat	tggtagaaac	tctccacatt	atctgatgtt	cccatgagag	agattagagg	780
gagcaacacc	cttccaccct	cctgctccag	ccttccattc	ccttgtgtga	ctcatacttg	840
ttttgtttta	ttcttttagc	agcactgcaa	gggcagtcac	gccattata	cagatgggat	900
caataaggtt	cagataggct	aaatgatgtg	cccaaccaag	gtcacaatgc	tcttaagtgg	960
cagagccctt	c					971

<210> 7897
 <211> 1611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1589)...(839)
 <223> similar to gi5730480 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7897

atgcatgatt	tacaaagttt	tgagacccc	ctggtctgag	gccaccctc	cagcacctct	60
gtctttccca	agttgagaac	ttacaagttc	tcggacagag	gcaccactct	ggtttcatgt	120
cgtgtcctaa	ttctggcatg	ccatcctctc	acatcgcatc	caaccagag	gacgaaaat	180
gaatgctcag	catgtttact	aaaacagtgt	ctctacaata	aacacagcag	gccaacatgt	240
atagctttta	tttacctacc	caagttcctt	ttacatgtga	gttatctgca	ttccaccttg	300
ccccctctcc	caggatgaat	cctcttggca	cagaggaagg	ggtgcccctt	caactagggc	360
cagagcctag	atgacctgg	ggatccccc	ccatgaaaa	agcaggaagg	gaatggagaa	420

gaaaagtgtt	gatcacacct	agccctcacc	acaggagggg	gaatgaagag	gtctggggga	480
ctgcccccat	gctatgcccc	agtccttaaa	tacaaagcaa	ggagaatgaa	aaggaccctc	540
cctctgaaat	acagcaccca	cctcagcatg	gaggcaaaaag	gacagtgggc	aagaccacgt	600
ccctccgaag	ggagagggct	gaaggagagc	acataccgtt	agtggctgcg	gcacccctcc	660
ctaccagggt	ctgatgcagc	ctcagcaccg	ggagtgggga	gaggggagga	gaagggatga	720
cagcactgtg	ccatccactc	ctccctgaac	ccctggcccc	agcacaggca	ttcctctgcc	780
cactagccca	agtcagggga	tgtggaagaa	actgtgttgg	aatccaaggc	ccttatctat	840
ttctttcttc	gttcttggga	gcagcgtggg	caaaaccatt	tcccccgagg	cttggttgtc	900
agccccacac	aggcaaaatg	gaaccactca	atggaacaat	cagggttgtc	acagccaatc	960
atctctccat	aggagacctg	gtgacaaagg	caataggtgg	gttcggttgg	atccacaggc	1020
atatccaaca	catcagaggg	gtggacactg	ccaaagggtca	ctgagggcat	cccatactca	1080
ggacttgtgc	gcacgagctt	taactttctt	tgggcagctc	tgggggcttc	ttcatccgag	1140
tttttccctt	tggaacgagc	acgagcagct	ttctttctct	tttgagtcg	gcctttcttt	1200
ttgcctttgc	tggaagagct	gtcatagtca	cttgactcaa	tctgtttctc	cttgagatca	1260
gcctcaaaac	gggccagggt	tgtgtccagc	cgccgaatgt	gtttgtccac	catctcatag	1320
gtctgcatgg	caagctgcac	cttgctgtca	ccaaattcct	tgcacttgcc	ataggcttcc	1380
tggatctgtt	tgagaagggc	caatttttcc	tcggaactca	ggctgcgggc	actactcata	1440
tactcagtgg	ccaacttgtc	aatttcagcc	ttcaggctct	ctgttctttg	gtctagggtc	1500
ctcatgagct	gaaagtttct	ctgtaattcg	aagggaaggt	tttcaatact	gtccagataa	1560
tgttccaaat	acatccccgc	agccatctcg	aagcaaaaaca	aagcaacttc	c	1611

<210> 7898

<211> 2759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (279)...(2147)

<223> similar to gi5834600 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7898

tcgcgatcta	gaactagtcg	cggcgcggct	gcggctttgc	ctcggcgcgga	cagggaaaat	60
aaaagaagca	aaaacaggcc	ctgctgtgag	ggaccacgag	gcagtgccag	gatgaaagag	120
ttggagtaac	ctaggtgatt	ctgagtgaat	cagtcaggag	gccttcctgg	agggggctga	180
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agagctgacg	cagctggggg	gcccccttgg	tctggaggat	gaggtctctc	cgcagacgcc	300
acatgcccc	gcgcctggcc	atgggtgggt	gcgcctttgt	gctcttctc	ttcctctgc	360
atagggatgt	gagcagcaga	gaggaggcca	cagagaagcc	gtggctgaag	tccttgggtga	420
gccggaagga	tcacgtcctg	gacctcatgc	tggaggccat	gaacaacctt	agagattcaa	480
tgcccaagct	ccaaatcagg	gctccagaag	cccagcagac	tctgttctcc	ataaatcagt	540
cctgcctccc	tgggttctat	accccagctg	aactgaagcc	cttctgggaa	cggccaccac	600
aggaccccaa	tgcccctggg	gcagatggaa	aagcatttca	gaagagcaag	tggaccccc	660
tggagaccca	ggaaaaggaa	gaaggctata	agaagcactg	tttcaatgcc	tttgccagcg	720
accgcatctc	cctgcagagg	tccttggggc	cagacacccg	accacctgag	tgtgtggacc	780
agaagtccg	gcgctgcccc	ccactggcca	ccaccagcgt	gatcattgtg	ttccacaacg	840
aagcctggtc	cacactgctg	cgaacagtgt	acagcgtcct	acacaccacc	cctgccatct	900
tgctcaagga	gatcatactg	gtggatgatg	ccagcacaga	ggagcaccta	aaggagaagc	960
tggagcagta	cgtgaagcag	ctgcaggtgg	tgagggtggg	gcggcaggag	gagcggaagg	1020

ggctgatcac	cgccccggctg	ctggggggcca	gcgtggcaca	ggcggaggtg	ctcacgttcc	1080
tggatgcccc	ctgtgagtgc	ttccacggct	ggctggagcc	cctcctggct	cgaatcgctg	1140
aggacaagac	agtgggtggtg	agcccagaca	tcgtcaccat	cgaccttaat	acttttgagt	1200
tcgccaagcc	cgtccagagg	ggcagagtcc	atagccgagg	caactttgac	tggagcctga	1260
ccttcggctg	ggaaacactt	cctccacatg	agaagcagag	gcgcaaggat	gaaacctacc	1320
ccatcaaate	cccgcagtgt	gctgggtggc	tcttctccat	ctccaagtcc	tactttgagc	1380
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aagtgcgcct	ggcagaggtc	tggatggaca	gctacaagaa	gattttctat	aggagaaatc	1620
tgcaggcagc	aaagatggcc	caagagaaat	ccttcgggtga	catttcggaa	cgactgcagc	1680
tgagggaaca	actgcactgt	cacaactttt	cctgggtacct	gcacaatgtc	taccagaga	1740
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aatgcctgga	tgtgggtgag	aacaaccgcg	gggggaagcc	cctcatcatg	tactcctgcc	1860
acggccttgg	cggcaaccag	tactttgagt	acacaactca	gagggaacct	cgccacaaca	1920
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tcactggcaa	gaatagccag	gtccccaagg	acgaggaatg	ggaattggcc	caggatcagc	2040
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gaccttcccta	atccttgcaa	caacattggg	cccattttct	ttccttcaca	ccgatggaag	2340
agaccattag	gacatatatt	tagcctagcg	ttttcctgtt	ctagaaatag	aggctcccaa	2400
agtaggggaag	gcagctgggg	gagggttcag	ggcagcaatg	ctgagttcaa	gaaaagtact	2460
tcaggctggg	cacagtggct	catgcctgaa	atcctagcac	tttggaaga	caatgtggga	2520
gaatggcttg	agcccaggag	ttcaagaccg	gcctgagcaa	catagtgagg	atcccatctc	2580
tacgcccacc	ctccccccgg	caaaaaaaaa	agctgggtat	gggggcttat	gcctgtagtc	2640
gcagctactc	aaaaggctga	ggtgggagga	ttgcttggtc	cccggagggt	gaagctacag	2700
tgagccttga	ttgtgtcact	gcactccagc	ctgggcaaca	ggtaagactc	tgtctcaaa	2759

<210> 7899

<211> 2050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (101)...(237)

<223> similar to gi2829147 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7899

acaacgcagc	tccgccctcg	caaaggcaca	gcgcggggcgc	aggcgcccag	aggcgcacgg	60
gagacctcag	gccagactc	cactccccag	ctgtgaaagg	actgctggcc	agacccccaa	120
gctagcccgc	caggcctcca	tagagctgcc	cagcatggct	gcatccagta	ccaagagttg	180
gtgggagacg	ggtgaggtac	aggctcagtc	tgcggccaaag	actccgtcct	gcaaggtaag	240
gtccccctcca	ggggcaaggc	tgggctgcag	agccagcact	ggggagttta	gtagcaggcc	300
aggtttcctt	gttaagacaa	gcgtgggact	gtccaggatg	aatgtgggca	gacagaacct	360
tgaggatttg	cagtagggtt	gggttcaccc	ttgctggtgt	agaaggctgt	gttgtccgag	420
tggaggtgga	tggcaccttt	attccgttcc	ctgcttcttc	cactgggatc	gcacagaaaa	480

agtttttgta	ggcagatccc	aggccccctg	gccaggttaag	gcaaggcagg	agagaagggc	540
ccagggcttc	tactcccca	gatccagggg	tctgcccttg	tgacataccc	ttctgctgcc	600
cccaggatat	tgtggctgga	gacatgagca	agaaaagcct	ctgggagcag	aaggagggct	660
ccaagacctc	atcaacaatt	aagctgcaaa	ccaccaagg	tgaagtcac	ttagcctctt	720
ggagtcagcc	tgactggggt	gaaccattg	atatgtattg	cataaatgaa	catatgacag	780
tagtgatgaa	ggatctccag	ctatccgtgt	actctctatg	cttcccagac	tctttggcag	840
ttgactggg	tactggctga	gttctggaaa	acaggaatgt	gagcagagt	ctgcagatct	900
ccttgtcagg	agcacctaag	aactggcatg	actctacacc	ctctctcctt	ctgcaatgac	960
ctcgtgtcaa	gatggcagac	ccgcagagat	gaatgtgcct	ggatacctga	gtcaccagg	1020
ggaggaaact	cccattgaca	tgcatacac	tccacatatg	aaacccttct	ttttctgcac	1080
tgtcactggg	gttagggatt	attactcact	gcaacttagc	ctagcattaa	gttgcttgac	1140
taatacaagt	ttcaataaat	gtcgcttcat	ttcccatggc	ttttgactga	atgctgtgca	1200
atatccacaa	accatccaga	ttgtggttta	taaataccac	ccttcaactaa	aaggactcag	1260
agtccttgt	agaaatggct	gatgctaagg	ctggggtagg	gaagtacaag	gtgagcccag	1320
agtgtgtgt	ggtgccagaa	agcaaggaag	catttaaaaa	atgacaggga	catgtcaaag	1380
gacacatcaa	tcaacttcaa	ggggcttcca	ctggccaaat	ctgggatgat	gtgagcatcc	1440
aaattaataa	tgataatggt	agattatagt	ctattgaata	aatgagAAC	ctataactat	1500
agaaagaaag	aaaagggaag	gaagaaaaga	aagaagaaga	gaggagagg	gggagagagg	1560
gaggaggagg	cggaggagg	gaagaaggaa	gaagactttc	ttacggtaga	atgccaatga	1620
ataaatacag	aggaataat	agaaaactcc	atttgcaaac	atgatcataa	tagtttattc	1680
aaggaagaat	catcactgag	tgaaaattta	agaaggtaaa	gtatgttttc	attgtctcat	1740
agcacttcca	ctcatatggt	ttattaattg	caaagagaaa	aagtggtaac	ttaacagtag	1800
agaaaccag	caggctctcc	cttaatgagc	tgaacaaagt	taacaacacc	aggaatagga	1860
caaaggggtg	ccaagtgtct	cttgatgtga	tacactgaga	acacagcatt	gcttctgtag	1920
cattccggtc	cctggaggaa	acatcagaca	aacacagatg	gagggacctt	caaggactga	1980
cctgaactgt	tcttcggtgt	caaccccatg	atagacaaaa	agaggcagag	gaactgttcc	2040
agattaagg						2050

<210> 7900

<211> 1876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (99)...(1183)

<223> similar to gi4335933 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7900

ggcggaattc	ggactgcagc	tgtggggaga	tttcagtgc	ttgcctcccc	tgggtgctct	60
tcatcttgga	tttgaaagt	gagagcagca	tgttttgccc	actgaaactc	atcctgctgc	120
cagtgttact	ggattattcc	ttgggcctga	atgacttgaa	tgttttcccc	cctgagctaa	180
cagtccatgt	gggtgattca	gctctgatgg	gatgtgtttt	ccagagcaca	gaagacaaat	240
gtatattcaa	gatagactgg	actctgtcac	caggagagca	cgccaaggac	gaatatgtgc	300
tatactatta	ctccaatctc	agtgtgccta	ttgggcgctt	ccagaaccgc	gtacacttga	360
tgggggacat	cttatgcaat	gatggctctc	tcctgctcca	agatgtgcaa	gaggctgacc	420
agggaaacct	tatctgtgaa	atccgcctca	aaggggagag	ccagggtgtc	aagaaggcgg	480
tgttactgca	tgtgcttcca	gaggagccca	aagagctcat	ggtccatgtg	ggtggattga	540
ttcagatggg	atgtgttttc	cagagcacag	aagtgaacaa	cgtgaccaag	gtagaatgga	600

tatttttcagg	acggcgcgca	aaggaggaga	ttgtatttcg	ttactaccac	aaactcagga	660
tgtctgtgga	gtactcccag	agctggggcc	acttccagaa	tcgtgtgaac	ctgggtggggg	720
acattttccg	caatgacggg	tccatcatgc	ttcaaggagt	gagggagtca	gatggaggaa	780
actacacctg	cagtatccac	ctagggaaac	tggtgttcaa	gaaaaccatt	gtgctgcatg	840
tcagcccgga	agagcctcga	acactgggtg	ccccggcagc	cctgaggcct	ctgggtcttg	900
gtggtaatca	gttgggtgat	attgtgggaa	ttgtctgtgc	cacaatcctg	ctgctccctg	960
ttctgatatt	gatcgtgaag	aagacctgtg	gaaataagag	ttcagtgaat	tctacagtct	1020
tgggtgaagaa	cacgaagaag	actaatccag	agataaaaga	aaaaccctgc	catttttgaaa	1080
gatgtgaagg	ggagaaacac	atttactccc	caataattgt	acgggagggtg	atcgagggaag	1140
aagaaccaag	tgaaaaatca	gaggccacct	acatgaccat	gcacccagtt	tggccttctc	1200
tgaggtcaga	tcggaacaac	tcacttgaaa	aaaagtcagg	tgggggaatg	ccaaaaacac	1260
agcaagcctt	ttgagaagaa	tggagagtcc	cttcatctca	gcagcggggg	agactctctc	1320
ctgtgtgtgt	cctggggccac	tctaccagtg	atttcagact	cccgtctctc	cagctgtcct	1380
cctgtctcat	tgtttggtca	atacactgaa	gatggagaat	ttggagcctg	gcagagagac	1440
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accaacccaa	atcattcctc	tggcacatta	tttctaaata	agtgttgttt	gtggaaatcg	1680
tcctattttt	atgcctcggt	tgagggggca	agtaaagtcc	tggtagaggaa	tatacagtta	1740
gaaacttttg	gaaaaactga	agttcctgga	ggaaagccaa	accgtgctaa	cacactagag	1800
gctggttttg	gtcctgggaa	aggtttgggg	tgaatgggtt	ggaagtaggg	tatgaataca	1860
gttttgggat	ttaaaa					1876

<210> 7901

<211> 1436

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (190)...(675)

<223> similar to gi849238 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7901

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gcccttgagt	gaacgtcctt	ctgagcggct	tcctggggtc	ctccccacgt	cccaaaggcc	180
ggcaagatgg	tgtcctggat	gatctgtcgc	ctgggtgggtg	tggtgttttg	gatgctgtgt	240
ccagcttatg	cttcctataa	ggctgtgaag	accaagaaca	ttcgtgaata	tgtgcgggtg	300
atgatgtact	ggattgtttt	tgactcttc	atggcagcag	agatcgttac	agacattttt	360
atctcctggg	tccctttcta	ctatgagatc	aagatggcct	tcgtgctgtg	gctgctctca	420
ccctacacca	agggcgccag	cctgctttac	cgcaagtttg	tccaccctgc	cctgtcccgc	480
catgagaagg	agatcgacgc	gtacatcgtg	caggccaagg	agcgcagcta	cgagaccgtg	540
ctcagcttcg	ggaagcgggg	cctcaacatt	gccgcctccg	ctgctgtgca	ggctgccacc	600
aagagtcagg	gggcgctggc	cggcaggctg	cggagcttct	ccatgcagga	cctgcgctcc	660
atctctgacg	cacctgcccc	tgcctaccat	gacccctct	acctggagga	ccaggtgtcc	720
caccggaggc	caccatttgg	gtaccggggc	gggggcctgc	aggacagcga	caccgaggat	780
gagtgttggg	cagatactga	ggcagtcccc	cgggcgccag	cccggccccg	agagaagccc	840
ctaaccgca	gccagagcct	gcgtgtggtc	aagaggaagc	caccggtgcg	ggagggcacc	900

tcgcgctccc	tgaaggttcg	gacgaggaaa	aagactgtgc	cctcagacgt	ggacagctag	960
ggtctgctgc	atctgcccc	ttcttacctc	gtgccctgca	gggctccagg	gctatttgga	1020
gggaccttgg	gctgcacatc	tggcctgcct	gcaccagctg	cctgggcccc	accctcctga	1080
ctcctgctga	tggttaaggg	ccgggagcag	atgctgccaa	ggccacatgc	agggatgcac	1140
ccacaatgta	ccaaagcagg	ctgggcccag	ggttctatct	attgccttgc	tctgccctct	1200
cccttccccg	gttgtgggac	aagagccctc	cctgaacccc	tgcaaccctc	cctgaacccc	1260
tgcaaatgaa	accaaacgtc	cacctgggtg	tgttcattcc	ttcctgtcct	tcaaagtact	1320
tgatagcctt	tcataaggcc	tggcacatgt	gtcctgggtg	tgtgtgtgtg	tgttggtgag	1380
tgaggtcagg	tttgcgagtg	ttttgataaa	taaatacata	aaggggaaaa	aaaaaa	1436

<210> 7902

<211> 1146

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (64)...(1147)

<223> similar to gi5924397 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7902

ggaattcgag	agtcgcacgc	gcagcgggga	aggtgtgagt	cgtgaacggc	ccgggtctcc	60
gccatggcct	ctctactcgc	caaggacgcc	tacctgcaga	gcctggccaa	gaagatctgc	120
tcccatctcg	ccccggaaca	gcaggcgcgc	acgcgggctg	gcaaaactca	aggctcagaa	180
actgcagggc	ccccaaaaaa	gaaaaggaag	aaaacacaaa	agaaattccg	gaagcgagaa	240
gagaaggctg	ctgagcacia	ggccaagtcc	ttgggggaga	aatctccagc	agcctctggg	300
gccaggaggc	ctgaggcagc	caaagaggaa	gcagcttggg	cttccagctc	agcagggaac	360
cctgcagatg	gcctggccac	tgagcctgag	tctgtctttg	ctctggatgt	tctgcgacag	420
cgactgcatt	agaagatcca	ggaggcccg	ggccaggcca	gtgccaagga	gctgtcccc	480
gccgccttgg	agaaaaggcg	gcggagaaa	caggaaacgg	accggaagaa	gaggaagcga	540
aaggagctgc	gggcgaaaga	gaaggccagg	aaggctgagg	aggccatgga	ggcccaggag	600
gtggtggagg	caaccccgag	gggggcctgc	acggagccgc	gggagccgcc	cgggctgatc	660
ttcaataagg	tggaggtgag	cgaagacgag	ccggccagca	aggcgcagcg	cagaaaagag	720
aagaggcaga	gggtgaagg	gaacctcacg	ccgctgaccg	ggaggaacta	ccggcagctg	780
ctggagcgcc	tgaggcacg	gcagagccgg	ctggacgagc	tgccgggcca	ggatgagggg	840
aaggcgcagg	agctggaggc	gaagatgaag	tggaccaacc	tcctctacaa	ggcggagggc	900
gtgaagatcc	gtgacgacga	acgcctgctg	caggaggccc	tgaagcgcaa	ggagaagcgc	960
agggcgcagc	ggcagcgccg	gtgggagaag	cgcacggccg	gcgtggtgga	gaagatgcag	1020
cagcgccagg	accggcgggc	gcagaacctg	cgcaggaaga	aggcggcccc	cgccgagcgc	1080
cgctgtctca	gagcccgcaa	gaagggccgc	atcctgccgc	aggacctgga	gcgcgcaggc	1140
ctggtc						1146

<210> 7903

<211> 1054

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1028)...(391)

<223> similar to gi291900 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7903

tttttttttt	ttcagggtcgt	tttttactag	tgtctggaag	acatttagga	gaattccaac	60
tgattaccat	ttacagtgat	cacaatgaaa	ctgctcagag	ttatcactga	acttcagtaa	120
gaaaatacaa	cagagtgccca	tcaggacagg	ggagagggca	ggagactgct	ccatcgctct	180
gctcatgtcc	acactgccaa	ggccccacc	acgggggtcc	ccagtgcacc	ccagctccgg	240
ggcagaagag	gcagcctgca	gatctctgct	gccgggaaag	agctcctgaa	gttgtgggggt	300
ctggactctg	ctggggacgg	ggccttccgc	gagtctccca	cctctcgggg	gactgcaggg	360
agaggcgtct	ccagtgggca	gccttgggtc	acttccatag	ctccccagc	ggcttctctg	420
tggcagtgcg	gatggcgctc	tcagagagca	cgcggatgtc	ctcatggaca	gcttcgatgc	480
ttttggaagc	atccaccatc	ttccagttca	aagtcgtgtc	tttcatgagc	tggtggaaac	540
accggagcgc	ccgctcctgg	aaagccccgt	tctcatagcg	ctcatggcca	aacgctcccc	600
gcttggcagc	atccgccagc	tgtaaactgga	ggaacaggac	caggtcgggt	ttgggaaggc	660
ccacgtctgg	ctgtttacac	caatctaggg	aaaaattctc	cttggcaccg	gtgaaggcca	720
caccagaaaa	tgcgtatctg	tccacgacga	gggtcacgcc	ctggctcaac	tttcccttaa	780
ttaacggcac	ttgttcccag	cgatttgtag	aaaaaagcag	gtgcaccgag	tgatcctcca	840
cgtcactttt	cttttgcaag	taggaactca	gaagtttgcc	gatttcagtt	gatctttccg	900
ggaaccggag	cagttcggcg	cgggtggccc	cggcgcacag	cgcttccacc	agcttgccgg	960
tctgcgtgct	cttcccggcg	cggtcacgc	cctccagcac	tatgagagcc	ccgcgccggg	1020
ccgccatgac	tgtccaccgc	gccgctggcg	aatt			1054

<210> 7904

<211> 1442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(1003)

<223> similar to gi5327061 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7904

ggatccgcgc	gcaatggcgg	cgctgggcgg	ggatgggctg	cgactgctgt	cggtgtcgcg	60
gccggagcgg	ccgcccagat	cggcggcgct	gggcggcctg	ggccccgggc	tgtgctgctg	120
ggtgtcagtg	ttctcctgcc	tcagcctcgc	ctgctcctac	gtgggcagcc	tctacgtctg	180
gaagagcgaa	ctgcccaggg	accatcccgc	ggatcatcaag	cgacgcttca	ccagcgtcct	240
ggtggtgtcc	agtctctcac	ccctgtgcgt	gctgctctgg	agggaaactca	caggcatcca	300
gccaggcaca	tccctgctca	ccctgatggg	cttcaggctg	gagggcattt	tcccagcggc	360
gctgctgccc	ctgttgctga	ccatgattct	tttctggggc	ccactgatgc	agctctctat	420

ggattgccct	tgtgacctgg	cagatgggct	gaaggttgtc	ctggccccc	gctcctgggc	480
ccgctgcctc	acagacatgc	gttggtgcg	gaaccaagt	atcgccccgc	tgacagagga	540
gctgggtgttc	cgggcctgta	tgctgcccat	gttagcaccg	tgcatgggtc	tgggccttgc	600
tgtgttcacc	tgcccgtctc	tttttgaggt	tgcccatttt	caccatatta	ttgagcagct	660
gcgtttccgc	cagagcagcg	tggggaacat	cttcttgtct	gctgcgttcc	agttctccta	720
cacagctgtc	ttcgggtgct	acactgcttt	cctcttcac	cgcacaggac	acctgattgg	780
gccggttctc	tgccattcct	tctgcaatta	catgggtttc	ccagctgttt	gcgcggcctt	840
ggagcaccca	cagaggcggc	ccctgctggc	aggctatgcc	ctgggtgtgg	gactcttcc	900
gcttctgtc	cagccctca	cggaccccaa	gctctacggc	agccttcccc	tttgtgtgct	960
tttgagcgg	gcaggggact	cagaggctcc	cctgtgctcc	tgacctatgc	tcctggatac	1020
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tggctgggg	ccccgagatc	tcaggaat	ttgtagggga	ttgaagccag	agctagtgtc	1140
gtcccaggga	ccaagagaaa	gaagcagata	tccaaaggg	gcagccctt	ttgaaagggg	1200
tgtttacgag	cagctgtgag	tgaggggaca	aggggcaggt	cccaggagcc	acacactccc	1260
ttcctcactt	tggactgctg	cttctcttag	ctcctctgcc	tctgaaaagc	tgctcgggg	1320
tttttattta	taaaacctct	ccccaccccc	caccccccaa	cttcttgggt	tttctcattg	1380
tctttttgca	tcagtacttt	gtattgggat	attaaagaga	tttaacttgg	gtaaaaaaaa	1440
aa						1442

<210> 7905

<211> 2604

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2536)...(1009)

<223> similar to gi397607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7905

tttttttttt	ttcttatttt	ttaaactgtt	attacttcaa	gaggggaatta	tttttcaaag	60
atgataaaac	tcattttctat	tccagtaaaa	aagggtcaca	ggtttgcccc	cagggtecca	120
ggagcgcccg	gaaggcagg	ccccccaggc	ctcttcacct	cagcctgggg	caccttataa	180
tctgaggggac	cctgtgaagg	gggtgggggc	aagctcgggg	gcacagcctg	gcggccaact	240
tcggccagac	gagtggcccg	ctcacgtcca	taggatagat	gtcagttag	gctgggaggg	300
aaaagggcgc	cagacaacca	cgatgcagt	ccctgttgaa	gacttccggg	gggatcaaag	360
tccgggcccc	gggttgggcg	gagaccctcg	gggcagctgc	acagggcatc	tttgttgctt	420
cactccattg	ttttttccga	ggcctgtgtt	aaaggcgctt	tgcttggcct	ggcaggtaga	480
ccaaggccaa	agctctgtgg	ccagggcctg	ggcactgagt	ccccactgaa	tttggcacag	540
gaaggcggca	ctcccagcct	ggcccgtcct	gcatggggag	ccaccacacc	gggactgcag	600
tgtttcacct	tggaggggag	gaagcctggg	cccaacggct	gaacgggaca	ggccaggctc	660
acccgaggaa	ggggacgcag	gaccacacagc	ccctgtgggtc	aaggcctgtg	ggccaccgtg	720
gaaagaaggt	tccagaacag	tgcttgttga	cgagcctctc	cctacaagtc	ccttcagcag	780
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ggggctgtcc	cgctgggaga	gtccgggaga	agtgggggtg	aggggctggg	gggcccgtca	960
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ccggatttgg	cagatgacag	ggaccagcag	caggacgcag	cccagcgcca	ggaggacgta	1200
ctgggcatag	tgcacacac	tgggcatcaa	caccagctga	gtgtagaatg	tgtgaagagt	1260
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cttcccagtt	tgtccaatgc	ctgcgacaga	tttcatgtag	aggctcagct	gcagtttcac	1380
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aggatgggag	agaaacaagg	gggcactgaa	cctgcagggtg	ctgacgttct	gaattccaga	1560
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cgcgcacccc	aagaccagga	tgttgggcat	gacgatgtag	tcgctctccg	agccgtggga	2160
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gcccagcaca	gcgcacagta	gccccgcgac	gcccagcgcc	ccggcagccc	agcgcgcttt	2520
ggcggagcag	cccatgtctg	cgcgcctggg	gcccacccgc	ggctcgcagg	gctccgcgcc	2580
tggcaggaga	cggggacggc	gacg				2604

<210> 7906

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (195)...(667)

<223> similar to gi4455181 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7906

cggcggttga	gagcatggcc	tctccagggg	caggtagggc	gcctccggag	ttaccggagc	60
ggaactgcgg	gtaccgcgaa	gtcgagtact	gggatcagcg	ctaccaaggc	gcagccgatt	120
ctgcccccta	cgattgggtc	ggggacttct	cctccttccg	tgcctccta	gagccggagc	180
tgcgggccga	ggaccgtatc	cttgtgctag	gttgcgggaa	cagtgccttg	agctacgagc	240
tgttcctcgg	aggcttccct	aatgtgacca	gtgtggacta	ctcatcagtc	gtgggtggctg	300
ccatgcaggc	tcgctatgcc	catgtgcgcg	agctgcgctg	ggagaccatg	gatgtgcgga	360
agctggactt	ccccagtgtc	tcttttgatg	tgggtgctga	gaagggcacg	ctggatgccc	420
tgctggctgg	ggaacgagat	ccctggaccg	tgtcctctga	aggtgtccac	actgtggacc	480
aggtgttgag	tgaggtgagc	cgcgtgcttg	tccttgaggg	ccggtttatc	tcaatgactt	540
ctgctgcccc	ccactttcgg	accagacact	atgccaaagc	ctattatggc	tggtccttga	600
ggcatgctac	ctatggcagc	ggtttccact	tccatctcta	cctcatgcac	aagggcggga	660
agctcagtgt	ggcccagctg	gctctggggg	cccaaactct	ctcaccctcc	agacctccca	720

cctcaccttg	cttccttcag	gactcagatc	atgaggactt	ccttagtgcc	attcagctct	780
gaggccagag	catggctcct	cacccttcct	gccattctgc	cctgggctcc	tcaggtagtt	840
ggaattcctg	acttaggact	tggggttggg	tccaagggtgc	ttacatccca	ggggcctcat	900
gcctaagata	gagggtggga	gcgaaccac	atgaaccaat	acagcccagc	tccaactaga	960
aaaaaaaaa						970

<210> 7907

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (133)...(375)

<223> similar to gi2587023 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7907						
cagtgggtg	ttacctgcc	acagcataat	gcgaggcaag	gtccagccgt	tccgcccggc	60
atacaagctt	atggagcagc	cccctttgaa	gatctccagg	tggacttcac	agagatgtca	120
aagtgtagag	gtgatcgagt	gtggatcaag	aactggaacg	tagcctcttt	gtgtccactg	180
tggaaaggac	cccagactgt	cgttctgagc	cctcccaccg	ctgtgaagggt	agaagggaatc	240
ccagcctgga	tccaccacag	ccatgtaaaa	cctgcagcgc	gtgaaacctg	ggaggcaaga	300
ccaagcccag	acaacccttt	cagagtgacc	ctgaagaaga	cgacaagccc	tgctccagtc	360
acaccgggaa	gctgactggg	ccacgcacgg	ccgaagcctg	aggaagctca	tcatgagatt	420
catttttctt	aaattttgga	cttatacagt	aagggttca	actgatctta	ctcaaactgg	480
ggactgttcc	cagtgtactc	atcaggtcac	cgaagttagg	acagcaaatt	aaaacaatct	540
ttctgttcta	tagttattat	gaatgtatgg	aaacaataaa	agaaacttgt	ttgtataatg	600
ccactcagta	caaggtatgt	agcccagaaa	atgaccgacc	tgatgtgtgt	tataacccat	660
ctgagccccc	tgcaccaccg	tttttgaaat	aagaataaga	actggccttt	tcctaggtga	720
tacaagtaaa	ataataacta	gaacag				746

<210> 7908

<211> 2399

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (312)...(1541)

<223> similar to gi5911945 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7908
ggcggaattc cgggcttgct cgaggcgcaa gcgcgctggc ccggcacggc ggtgggtcttg 60
cgggaggcgt gggctgggat tgcggtgcct gtgcttcccg gtgccagggt gtcattggaag 120
ggctgctgac aagatgcaga gcattgcccc ccctggccac ctgcagccgc cagctctctg 180
ggtatgttcc ttgcaggttt caccactgtg ccccaagaag agggcgggcg ctgctgctgt 240
ctcgtgtgtt ccagccacag aaccttcggg aagaccgggt gctctccctg caggacaaat 300
ctgatgacct gacctgtaag agccagcggc tgatgctgca ggtgggcctg atctaccag 360
caagccccgg ctgttaccac ctctgccat ataccgtccg tgccatggag aagctcgtgc 420
gagtgataga ccaggagatg caggccatcg ggggccagaa agtcaacatg cccagcctca 480
gcccggcaga gctctggcaa gccaccaacc ggtgggactt gatgggcaaa gagctgctaa 540
gacttagaga caggcatggc aaggaatact gcttaggacc aactcacgag gaagccatta 600
cggccttaat tgcctcccag aagaaactgt cctacaagca gcttcccttc ctgctgtacc 660
aagtgacaag gaagtttcgg gatgagccca ggccccgctt tggctctctc cgtggccgag 720
agttttacat gaaggatatg tacacctttg actcctcccc agaggctgcc cagcagacct 780
acagcctggt gtgtgatgcc tactgcagcc tgttcaacaa gctagggctg ccatttgtca 840
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tggtatattg agaggaccgg cttgccatct gtccccgctg cagcttctca gccaacatgg 960
agacactaga cttgtcacia atgaactgcc ctgcttgcca gggcccattg actaaaacca 1020
aaggcattga ggtggggcac acattttacc tgggtaccaaa gtactcatcc attttcaatg 1080
cccagtttac caatgtctgt ggcaaaccaa ccctggctga aatgggggtgc tatggcttgg 1140
gtgtgacacg gatcttggct gctgccattg aagtcctctc tacagaagac tgtgtccgct 1200
ggcccagcct actggcccc taccagcctc gcctcatccc ccctaagaag ggcagtaagg 1260
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agcttcacgg ggaggtgctc ctggacgaca ggacctatct gacctcgga aacagactga 1380
aagatgccaa caagtttggc tacccttttg tgataatcgc tggcaagagg gccctggagg 1440
accctgcaca ttttgaggtt tgggtgcaga aactggtga ggtggccttc ctaccaaag 1500
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gccccattt gcagccttgg tgttcgttct aacactgcat tttcctacac cctttctctg 1620
gactgctctc tccagaaaca gcacagctca tggagggtga gatcatgtta gggaaatcaa 1680
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gaggctgaga agcaggagat ccaagctcca gtccctgggtg ttaccctgag gggggaagtc 1860
acttcccttc tctcagctga gtttttcacg tgaagatga gaatggctga tggctgagag 1920
cccaccaacc ttccccaccc cgtatcagtt tgaccacggg ccttttgcta cattctatcc 1980
agagagcagg cctgccagcc cctctccac tgagaaagtt gggcctgaag aagtatgggg 2040
aaaaaagaat caaagagacc ctgactgccc gcccaaactc acctagtgc cttagataga 2100
tcccccttc ccctgctggg gccgtcagtt tcccccatc tgtaacttga gaaaatagaa 2160
ctagatctgt aaagtctgga actagatctg taacgtcctt ataggtgtca ctagggggtt 2220
cccatgagag gtgtgtgaca ggcagtctga ttctctcat tctccatagt ctgtttctctg 2280
gaaagtcat gtaattaact gatggcccaa aaactacctc aagagacctg gccctgttaa 2340
gacggcttaa ccagttagat cccgttctat tgatttaata aagtcgaaac tattggaaa 2399

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<210> 7909

<211> 1835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1367)...(513)

<223> similar to gi5701965 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7909
tttttttttt ttaataacaa aagtcagttt attaaatgct caattctcaa aattatatgt      60
atatattttt aattatttaa aaaaacttcc atgcccttcc attcccctcc ctccaaacta      120
ggtattgtcc aagttgtatc aaatgccaca aagtctacca tgcacccaga agcagagaag      180
acaggaggtc cagaggacaa ggtatgctgg ggtcactact cgcactgcag agtccacgcg      240
agttaactca tgctgggggc aaagaatgga aagagctaata acacagacaa agcaaaagaa      300
cgaaatgcgc agcctgacca gagacgttta caatttatac caacttacia atatttaggg      360
tgccccccaa ctccgagaga acagacccaa ctaaccacat gaaggaagac ctctgccggg      420
gcctcctctc cctacaacct cctctcaaga atcattagga agcccaaaca gcttcacagt      480
tccggcttcc cggctgctgt catatttgcc gtctttgtca tcacaggcaa atgccagcag      540
aggccttttg gggtgccacg ccactgtgaa ggtcggagac tcacactgta cctcccatag      600
tttgtccctt gtctccactt cagcaatgtc aataaaatga tcttccgatg ctgacgccag      660
cattttccca tcatggctga aactgagggg tcttacaggc caatccagcc tggaaaagca      720
ccgaacacac actaactcat ccacatccca gaggtgacc aaagcatctg cacttcctgt      780
ggcaaagtac ttccccatgg ggtcaaactt gatacagatg cagttggaag gatgggcgtt      840
gatggactgc acaggcttca gttctgggta gctgaggatg ttgatacaac cattgccatt      900
tgtcaggaag aacatattat tgtcattgtt ccaggagatt tcgttgacct cgaacttgaa      960
ctgctcttct gctttggaac ggtgtgtctt ggcatcaata aaggtcacca catcatcctt     1020
gttgcttaca gcaatggctt gcccatcagg actccagcag atattaatgt tctccccttt     1080
agtgttcaca gtggcaatgc atttttagt cctcacatcc cagatgcgaa tggttttatc     1140
tccggacgcc gtaacaaata ggtcaggatt acttgatgc caacaaagct ggtccacact     1200
atccccatgt ccccgataat tgttttcttt gaccaaccgg tcttcttcca gcaagaagac     1260
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ctcctgcac ccaagcacgt agcgcgacgg gccgctgctc actgagcacc acggggccat     1440
cgagccgggg ccgctctggc ccaacgccga gggccccatg gctgcagcgg ggaccgccat     1500
gccgagctcc ccagcttcca actcacaaca ctgcagcagc ctccacggcg cagtcagtcc     1560
tggcgcgct gccgcacgca tgcgccgga agagcgacgg cccctctgcg caggcgcgct     1620
gtaccccgcc ccggaaggga ctacaaatcc cggtatgcag cgcgtgcccg cgtctgttta     1680
cttagtaata tttggttctt ttaactccaa atatgcttca cacttaacga ttccgagttt     1740
ttttagtgtt cttatttctc ccttacctat tctttggtag acatatgtgt attcctgttt     1800
aatcgaataa aagaaccaac actaaccttc taaaaa                                1835

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<210> 7910

<211> 2082

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1947)...(453)

<223> similar to gi5824689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7910

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ctcccccccc cgggtattaa attggggaac ccccgggggt ttcccccccc ccggtgttta      60
aaacccggcc ccggaattta attttggggc ccccaaaaaa aaaaaataac tttccccccc     120

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ccgggactaa	aaatttggtc	ccttaaaagg	gccccccct	ttttttttt	tgagtttttt	180
cctcttttat	taagtccgct	atactaacta	gaaggagaat	ctgtgggttt	cgcttgatag	240
accacagggc	caatcaccac	agcttcttgt	agagaacatg	gagagtgcc	agatcaccat	300
caggtgccgc	ttccttcctg	tggttttcca	tcttccagtc	agcctggctc	tttgccttga	360
agggcccaaa	aacaacagcc	ctggctatca	tcttcatccc	aaaagcggag	aagatgggca	420
ggcaagaaca	cggaggggtg	cacagagagg	ttcccatcag	gttcacaggg	cgcccgtgt	480
acctcttgg	gatgtcagct	tcaatcagct	tctgcagctc	cttgggtctc	tccagtagca	540
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tcagctcttt	cttcaaagcc	agcagctggg	actgcttcag	cttttgctgg	aggaattcag	660
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ggaactgatt	ccgggtctca	gtgtattcaa	gcagtgtcag	ggcatctggg	cccctggcaa	960
caccttctgg	agcctgggtt	cctgcttcca	gcactgtgat	ctgcaaagca	acagcatcgt	1020
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acccacacaga	cgcttggtag	acgtcaatgg	cttccccag	ggactgctga	gccgtgccc	1380
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cccctgcctg	gcactcctcc	tccttgcggc	tgtattcttg	ctgcagctgc	tggcacttgg	1560
caatctgctt	cttcagttag	gggatctcat	agttgacatt	ccgaaccagg	aggctagaga	1620
gttccactaa	gtagggtgtg	tccttctcat	acagagctat	aatctcctgc	caatccttca	1680
tccgctgtga	agagtatcgg	ccaaaaatat	tcttcgtgga	ggcctctgtg	cctttgagaa	1740
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tctcttcgct	ctctggcatg	tcctggatgg	cagcattgat	cttctcgcgg	atcgtcagca	1860
ccagactctg	ccatttcagg	ctgcagtgcc	ttctgtccac	cagccaatcg	agcagcttgc	1920
tggtctggat	gtcgatgggc	acgtgctgat	ggtcctccat	ctttcctcca	cttccgcttc	1980
aggctggaga	ctgtggcccc	ccccgcccta	ccaccaatcc	agtggcggtg	tggccgagcc	2040
tccgtttaga	cacaaacggg	catccttcgg	ccacctcgtg	cc		2082

<210> 7911

<211> 3551

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3168)...(3442)

<223> similar to gi4884194 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7911

gagcactgct	tctcagtecc	cacactgtct	tgtctcatac	tgaaattgtc	actacatgca	60
agtgcactc	aaaccctgcc	tgccaaatct	gtcatcagaa	gcattgcctt	tgactcagtt	120
tccttgccctg	ttaaaaatgt	gtagagaagc	taatcattga	gagaaagtga	atgaaagcag	180
ttttttcaac	tgctctgatg	gaaaccacga	ttcatgagac	cctcttttgt	ccttgaaaaat	240

agcattgtca	tcaactgccc	gtttttggga	gaatattatt	ttattatcaa	atgtacagta	300
tattgacctt	aaaaatacac	taaagcagtc	atggaaataa	caggctcgtg	attattcatg	360
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atcaccacat	ccactttgag	caccacgtag	tcacaccaa	ccttatttcg	agctacgcac	3240
aggtaatctc	cggcatcttt	gtccgtcact	gatttcacca	ccagggtccc	attggcaaac	3300
accttgattc	tgctatcaaa	actaagagcg	cgctgatcat	cctcttgga	ggcagcctcc	3360
agaggatgcg	cggccagggg	tccccgaggc	gctgcagtc	agcttgaggg	ttcctaagca	3420
atcattctgg	aatccacatt	tcagaagacg	tggatgtaag	ttgttttgg	gtcactgccg	3480
agaatgtttt	ttgccatgca	cttgtagaag	cggcgccttc	tctgtgtggc	ctcgtgccga	3540
atgcctgcag	g					3551

<210> 7912
 <211> 1451
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1452)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (300)...(1112)
 <223> similar to gi4566746 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7912

gattctcctg	cctcagcctc	ctgagtagct	gggactacag	gtgcgcacca	ccgtgcggat	60
ttttgtattt	ttagtagaga	gggagttttg	ccacattggc	caggctgggc	ttgaactcct	120
gacctcaggt	aatccaccca	cctcagcctc	ccaaagcact	gggattacag	gcgtgagcta	180
ttgtgcccag	ctgggatctt	gacaaaaaca	ctatttctct	cctttcacct	gtgctgtgta	240
tttttccttc	gcctagtctc	cagacctcac	tgctatatgt	cttctccctg	gcaggcagga	300
tgacgcaaaa	cacggtgatt	gtgaatggag	ttgctatggc	ctctaggcca	tcccagccca	360
cccacgtcaa	cgtccacatc	caccaggagt	cagctttgac	acaactgctg	aaagctggag	420
gttctctgaa	gaagtttctt	tttcaccctg	gggacactgt	gccttccaca	gccaggattg	480
gttatgagca	gctggctcta	ggggtgactc	agatattgct	gggggttggt	agttgtgttc	540
ttggagtgtg	tctcagcttg	gggccctgga	ctgtgctgag	tgcctcaggc	tgtgccttct	600
gggcggggtc	tgtggtgatc	gcagcaggag	ctggggccat	tgtccatgag	aagcaccggg	660
gcaaacttgc	tggtatatata	tccagcctgc	tcaccctggc	aggctttgct	acagctatgg	720
ctgctgttgt	cctctgcgtg	aatagcttca	tctggcaaac	tgaacccttt	ttatacatcg	780
acactgtgtg	tgatcgctca	gaccctgtct	tccctaccac	tgggtacaga	tggatgcggc	840
gaagtcaaga	gaaccaatgg	cagaaggagg	agtgtagagc	ttacatgcag	atgctgagga	900
agttgttcac	agcaatccgt	gccctgttcc	tggctgtctg	tgtcttgaag	gtcattgtgt	960
ccttggtttc	cttgggagta	ggtcttcgaa	acttgtgtgg	ccagagctcc	cagccctcta	1020
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gggagcagac	ctccactgcc	attgtcctgt	gagctgccaa	agacccacag	gggtgcccgc	1140
atgtccctgt	ctagggcagc	ccaggggccc	cactcctggc	tcctcacact	tgccctccct	1200
atggccgctc	tccagaccct	cctcctttct	tctccccaca	tccgcacctg	ctgttcccac	1260
tctgggggtc	tcaagtccat	gaacagatat	tgttgcattt	tccacaatgc	tgattaaaca	1320
taataaacia	tccagaaaag	cagttttgcc	cagaaagata	tggttttcct	tttgtttatt	1380
acaccttgtg	gcggccatgg	aaagggcttt	tntttgtgtt	cggtatgtat	ggagggtaaa	1440
nggggagctg	a					1451

<210> 7913
 <211> 1309
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (216)...(1249)

<223> similar to gi2274982 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7913

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cttcgactcc	cggcggagcg	cgcaacgtgg	agtgcagtgc	aggggccaag	tgcaaccacg	180
gcagccacgg	ctgtttcgga	gctcaggact	ctaaaatggc	agagcagctt	tctccaggaa	240
aggcggtgga	tcaggtgtgc	accttccttt	tcaaaaagcc	tgggcggaaa	ggggctgctg	300
gacgcagaaa	gcgcccggcc	tgcgacccag	agcccggaga	aagcggcagc	agtagcgacg	360
aaggctgcac	tgtggttcga	ccggaanaa	agcgggtgac	ccacaatcca	atgatacaga	420
agaccctgta	cagtggtaaa	cagaaggcgg	cttacggcga	cttgagcagc	gaagagggaag	480
aggaaaatga	gcccagagag	ctcggcgctg	tttataaatc	caccgcgttc	gcgaaacccg	540
tgggaccaga	ggatatggga	gcgacagctg	tctatgagct	ggacacagag	aaagagcgcg	600
atgcacaagc	catctttgag	cgagccagga	agatccagga	ggagctgagg	ggcaaggagg	660
atgacaagat	ctatcgggga	atcaacaatt	atcagaaata	catgaagccc	aaggatacgt	720
ctatgggcaa	tgcctcttcc	gggatgggtga	ggaagggccc	catccgagcg	cccagagcatc	780
tacgtgccac	cgctgcgtgg	gattaccagc	ccgacatctg	taaggactac	aaagagactg	840
gcttctgcgg	cttcggagac	agctgcaa	tcctccatga	ccgttcagat	tacaagcatg	900
ggtggcagat	cgaacgtgag	cttgatgagg	gtcgctatgg	tgtctatgag	gatgaaaact	960
atgaagtggg	aagcgatgat	gaggaaatac	cattcaagtg	tttcatctgt	cgccagagct	1020
tccaaaaccc	agttgtcacc	aagtgcaggc	attatttctg	cgagagctgt	gcactgcagc	1080
atttccgcac	caccccgcg	tgctatgtct	gtgaccagca	gaccaatggc	gtcttcaatc	1140
cagcgaaaga	attgattgct	aaactagaga	agcatcgagc	tacaggagag	ggtgggtgctt	1200
ccgacttgcc	agaagacccc	gatgaggatg	caattcccat	tacttaggtt	tcccataatt	1260
cttaaattta	aaaaataaac	gttttggtct	tttggaaagta	aaaaaaaa		1309

<210> 7914

<211> 2450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(1096)

<223> similar to gi4929585 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7914

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ggaggagggtg	gactctgccc	acaccggaga	gaggtcagga	tggctaactg	gttggtcccc	120
cacatggtgc	cctacgtcta	tatcacacct	taaagaagct	gaagagaaga	tgttaaaatg	180

tgtgccttgc	acatacaaaa	aagaacctgt	tcgtatatct	aatggaaata	aaatatggac	240
actgaagttc	tctcataata	tttcaaataa	gactccactt	gtcctttctc	atgggttttg	300
aggaggtctt	gggctctggg	cactgaattt	tggagatctt	tgcaccaaca	gacctgtcta	360
tgcttttgac	ctattgggtt	ttggacgaag	tagtagaccc	aggtttgaca	gtgatgcaga	420
agaagtggag	aatcagtttg	tggaaatccat	tgaagagtgg	agatgtgccc	taggattgga	480
caaaatgata	ttgcttgggc	acaacctagg	tggattcttg	gctgctgctt	actcgctgaa	540
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tatgactatt	ccttatggat	gggcaaaaag	gccaatgctc	cagcgaattg	gtaaaatgca	900
ccctgacatt	ccagtttcag	tgatcttttg	cgccccgatcc	tgcatagatg	gcaattctgg	960
caccagcatc	cagtccttac	gaccacattc	atatgtgaag	acaatagcta	ttcttggggc	1020
aggacattat	gtatatgcag	atcaaccaga	agaattcaac	cagaaagtaa	aggagatctg	1080
cgacactgtg	gactgaacac	actgaagctc	tgatgggaaa	acctggtgac	tgatatagtt	1140
gttcagcaat	aattcatagt	ctgtgatgaa	gagtagtgaa	tacaacacac	aaccaggcag	1200
ccttcttgac	tatactttgc	acatgttttc	tttaggaatt	cactcacaca	tttaaaccag	1260
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tattaccaat	ttaggaagtg	atttctgagt	ctcttacact	gtaaagggtgc	actttatttt	1500
ccttgctctc	cccatcatgt	atttattgtg	tcttgataac	tgatattaat	ctaaattcaa	1560
tgtgttttta	tgtaaaaatt	tgtcagttgt	ttagaatatt	tcactttgtt	tttgaaacgg	1620
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ccctaaaagg	gctgttcttt	gtttccccct	ttccatacta	ttcttttccc	atgaccagg	1920
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aaggccaagt	aataccatat	ttttattaac	atcctaactt	ttgtaggagg	ggtgctaaaa	2040
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caccagaaat	gaggctaggc	acttgggggt	tgttggtggc	tgttgtttat	taaggagtat	2160
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gaaaacttct	ttgaaactgt	gaaatgctcc	atgtggtaac	tggtgctga	gaaaaccctt	2340
caccaaaaaa	ataaataaaa	attgaatagg	attgtcatca	agaaggcatc	tttcgctaac	2400
gttgcttgtc	taggagaaaag	gtagctatgt	aaataaaaaa	agtgaactag		2450

<210> 7915

<211> 1470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (64)...(1309)

<223> similar to gi425146 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7915

```
ggtgatgcag tgctgaagac ctggggccct gctcagtgcc tttgctctag aatgggtcca 60
gcttggcttt ggctactggg aacagggatc ctggcctctg tccactgtca gccccttctt 120
gcccattggag ataaaagtct gcaggggctt caacccccca ggcattcagct ctccagagcca 180
gccccgcctt accacagaat cacacccacc attaccaatt ttgctttgctg tttgtataaaa 240
gagctggcag cagacgcccc cggaaacatc ttcttctcgc cagtgcagcat ctccaccacc 300
ctggccctgc tctctcttgg ggcccaagct aacacctcag ctctgatcct ggagggcctg 360
ggattcaacc tcacagaaac ccctgaagcc gacatccacc agggcttccg gagcctcctc 420
cacacccttg ccctgcccag ccccaaactc gaactaaaag taggaaactc cctgttccta 480
gacaagcgac taaagcctcg gcagcactat ttggacagca tcaaggagct ttacggagct 540
tttgcctttt ctgccaaactt cacagattct gttacaactg ggaggcagat taatgactat 600
ttgagaaggc aaacatacgg gcaagtcgtg gactgcctcc cggagtccag ccaggacacg 660
ttcatgggtt ttgccaatca catcttcttc aaagccaagt ggaagcacc tttcagtcgc 720
taccagaccc agaagcagga aagtttcttt gtggatgaga ggacttctct ccagggtccc 780
atgatgcacc aaaaggaaat gcacagattc ctctatgacc aggatttggc ttgcaccgtc 840
ctccagatag aatacagagg aaatgccttg gcgctgctgg tctcctctga cccggggaaa 900
atgaagcagg tggaggctgc tctgcagcca cagaccctga gaaaatgggg ccaattgctc 960
ctgcccagtc tgttggattt gcacttgcca aggttttcaa tttctggaac atataacctg 1020
gaagacatac ttccccaat tggctcacc aacatactca acttagaagc tgacttctca 1080
ggagtcactg ggcagctcaa caaaaccatc tccaaggtgt cacacaaggc gatgggtggac 1140
atgagtgaga aggggaccga ggccggggct gcttcaggcc tctctccca gccccatct 1200
ctgaacacca tgtcagaccc acatgcccac ttcaacaggc ctttctctt gctcctttgg 1260
gaggtcacca cccagagctt actcttctct ggaaaagtgt tcaaccagc tgcagggtaa 1320
ccatgggtgg aggccaggag ttatcttctc tcatcctgga ccaaacagat aggccagaac 1380
cagcctgcat cctggggctg ctatgtggtt cagttaatca gtgtgccaa attctaataa 1440
agttgacctt ggggtctgtg aaaaaaaaaa 1470
```

<210> 7916

<211> 1408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (118)...(1091)

<223> similar to gi5689750 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7916

```
tgaacatatt tacatttgat ttaacagtga accttaattc tttctggctt cacagtga 60
caagtttatg caatcgatca aatattttca tccctgaggt taacaattac catcaaaatg 120
ttttgtggag actatgtgca aggaaccatc tcccagctc ccaatttcaa tcccataatg 180
gatgcccata tgctaggagg agcactccaa ggatttgact gtgacaaaga catgctgac 240
aacattctga ctccagctg caatgcacaa aggatgatga ttgcagaggc ataccagagc 300
atgtatggcc gggacctgat tggggatatg agggagcagc tttcggatca cttcaaagat 360
gtgatggctg gcctcatgta cccaccacca ctgtatgatg ctcatgagct ctggcatgcc 420
atgaaggagg taggcactga tgagaattgc ctcatgaaa tactagcttc aagaacaaat 480
ggagaaattt tccagatgcg agaagcctac tgcttgcaat acagcaataa cctccaagag 540
gacatttatt cagagacctc aggacacttc agagatactc tcatgaactt ggtccagggg 600
accagagagg aaggatatac agaccctgcg atggctgctc aggatgcaat ggtcctatgg 660
```

gaagcctgtc	agcagaagac	gggggagcac	aaaaccatgc	tgcaaatagat	cctgtgcaac	720
aagagctacc	agcagctgcg	gctgggttttc	caggaatttc	aaaatatttc	tgggcaagat	780
atggtagatg	ccattaatga	atgttatgat	ggatactttc	aggagctgct	ggttgcaatt	840
gttctctgtg	ttcgagacaa	accagcctat	tttgcttata	gattatatag	tgcaattcat	900
gactttgggt	tccataataa	aactgtaatc	aggattctca	ttgccagaag	tgaaatagac	960
ctgctgacca	taaggaaacg	atacaaagag	cgatatggaa	aatccctatt	tcatgatatc	1020
agaaattttg	cttcagggca	ttataagaaa	gcactgcttg	ccatctgtgc	tggatgatgct	1080
gaggactact	aaaatgaaga	ggacttggag	tactgtgcac	tcctctttct	agacacttcc	1140
aaatagagat	tttctcacia	atttgtactg	ttcatggcac	tattaacaaa	actatacaat	1200
catattttct	cttctatctt	tgaaattatt	ctaagccaaa	gaaaactatg	aatgaaagta	1260
tatgatactg	aatttgcccta	ctatcctgaa	tttgccctact	atctaatacag	caattaaata	1320
aattgtgcat	gatggaataa	taggaaaaat	tggcattggg	aataggattt	tatttttaaat	1380
gtggaacat	ccaacaacct	accaacca				1408

<210> 7917

<211> 7272

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (72)...(948)

<223> similar to gil665823 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7917

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<210> 7918

<211> 1918

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (140)...(615)

<223> similar to gi2935348 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 7919

<211> 2248

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (149)...(858)

<223> similar to gi4633509 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 7920

<211> 1907

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (133)...(672)

<223> similar to gi4929765 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tgggcagtga	agaatgtcac	aggtagacta	atgggtggcc	tacgttggtg	gaatcacatt	420
gatgaagatg	gaaagagcca	ttgggtgttt	gaatctagaa	aggagtcctc	tcaagagaat	480
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gttatcatgg	gtgtggtgct	acaagggtgcc	aacctgtatg	gttacatcag	gtgtaagggtg	660
cgcagcagaa	agcatttaac	cagcatggct	acttcatatt	ttggaaagca	gtttttaaga	720
caaaacactg	gagatgatca	gacttcctga	atagagaaaag	cttatgtgct	ttgttacatt	780
ggggaacaac	tgaagagatt	cttgactcaa	ccttttagag	cttagtccat	gttgcaacga	840
ggagtgttgg	ctttgttttt	ccacttaaaa	actttattta	taaaaaggaa	aagtagtttt	900
catattaagt	ttttatttcc	tttcagcag	ttggggctag	aaagtatgtg	ttggcactag	960
aaacattgtc	aagatttgtt	ctgtggtgta	ggtatgcaca	ttccataggt	atgcacacgg	1020
ccatgtaata	tcagtatatc	ccaagttaat	gaaagtgttc	atttacatag	gtaatggaga	1080
cctttgcatt	ttgatccata	gaacatagga	ggatgttctt	agtctgtctc	aaagctctat	1140
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ctaaaagagc	attattctca	tgtcataatg	agaataataa	tttacatact	tggcataata	1560
aatgcctaaa	agacatttta	ttttctgaat	ctattttttt	cttgctataa	tggggatatt	1620
gtaaattatg	catttgtatt	aatggtattt	cttaaagcaa	tctatgtaac	tgtaaattaa	1680
accaatctac	aaactattgt	aggcatctgt	aaattctgtt	gtaggтата	taaactttgt	1740
tgaagtctta	atcagcagat	tatgttgtga	atatatttgt	acattgttaa	aatagttttt	1800
aagattattt	gttttaattg	aataagtgtc	ttattggagt	gatagctttg	aagggtgcaaa	1860
actttatatt	tgtataaaat	tctactattt	ccaaggcaaa	aaaaaaa		1907

<210> 7921

<211> 1990

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1221)...(632)

<223> similar to gi6012973 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7921

tttttttttt	ttgagcccac	tctgctttat	ttacaacacg	caggctgtct	gtacaaacag	60
cggccgatat	tattaaaaac	aaaagagggtg	agtgagaatc	gtcacctttc	tgcttttctt	120
cctcacttgg	ccaggctcta	gtactccacc	tttgagctgc	catgcccaat	aggggaagtc	180
caaaattaaa	aatacaaccg	gtgtagaaga	aaataaatgg	ggagtgaaat	agaagaaaag	240
atgagggagg	ggagtgtctaa	tattttacact	agagttttat	agacaactgt	cccattccat	300

cccaattcca	atcctgaccc	agaaagtgat	ggtggcaggt	ccaagagaca	gagattatgt	360
gtcgggacac	agacagcctc	ccatcccca	ccgtaatgga	ttcaatttca	agtccacaga	420
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gaattcctgc	cttgaagtgc	agacagtatc	caagctccag	gggataggct	gaggaccctg	540
aggctcagtt	cccaaactcat	gttgtcattt	ggaagttcca	ggctaaagtt	ggtgccatca	600
gggctctcca	gatttgggag	gccccctaa	ccgccgggcc	tctggcctca	gttccttgca	660
tttctggcaa	taaaagaagt	cggggacgtt	ggtcttctta	atcttagcac	aggagaggtg	720
gatccacgtc	ccacacaggc	tgcactcaat	catggggccg	cctgcaaagg	gctttcgaca	780
gtaacatgtg	atcagatccc	atgagtcac	acctgattct	accatgatgt	cctcgctccat	840
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cacctccttg	ctttcactgt	cagcaggagg	gactccttca	gggtgcactg	tggcaggggg	960
cctaggagcc	tcaggggggtg	ttggcagcac	agggactggg	gcttcacccc	ctaccactgt	1020
tgccatctct	tcttcttctt	cctcttcttc	ctcttctctc	tcttcttcag	agtctgtatc	1080
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taacttccgc	ttcttgctct	tcttgattcg	agatctcttt	tccccatccc	caggagttag	1200
ccgaggcctc	cgaagcacc	caaagccagc	cccagctcct	ggccccaact	ttcggttctt	1260
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agcagcagg	ggccgggagg	tatgtgtcag	ggatgtgggg	gacaaaggag	atgccacttt	1380
gggcccattc	agatcaaaga	gagagtcctt	gagcttcac	ttctcaagca	aggtagcact	1440
gtcggggggc	tgcagacgag	agaaagtgga	ccttgggggt	cctggctggg	tgggacctgc	1500
ttgagctgcc	cttctcttgg	atgactttgc	tttcttaaca	aaagtctgga	tggttcgaag	1560
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ttccagcatc	gccccctccc	ctctctccgg	tccggcgccc	ccctccccgg	agccggggat	1860
cccgggtgctg	cctctagtgc	tcgatgctcc	cactgcttcg	ctccacagaa	gtgtccgcct	1920
cagcccggtt	gagactcgag	tccgctagcc	gctgcgcgca	cctccctcta	ccactgcctc	1980
ccgcacgaaa						1990

<210> 7922

<211> 2740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (288)...(2401)

<223> similar to gi3820614 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7922

tttcatgccg	cggcggggcga	gggtgtagtg	gggtcttgct	gggccgggtt	tggaggcctg	60
gagtcaaggg	gcgagctcgc	cagggagggc	gagggtcaca	gcaagtctca	ggatcctcct	120
ctgccagttt	ctgggtgggtc	cttctctctc	cagggactca	ctgattccgg	ctggcgccct	180
tcgtctgtag	ccgcgtcccc	tcagacgggt	tcagtccggg	gtcttctgac	ttggaagctc	240
gtgctgattt	cctaagttag	ccccctctgt	cctcttggca	agaaataatg	gcggcagcta	300
cgggggatcc	tggactctct	aaactgcagt	ttgccctttt	tagtagtgcc	ttggatgttg	360
ggttttggca	tgagttgacc	cagaagaagc	tgaacgagta	tcggctggat	gaagctccca	420
aggacattaa	gggttattac	tacaatgggt	actctgctgg	gctgccagct	cgcttaacat	480

tggagttcag	tgcttttgac	atgagtgtct	ccaccccgagc	ccgttgctgc	ccagctattg	540
gaacactgta	taacaccaac	acactcgagt	ctttcaagac	tgagataag	aagctccttt	600
tggaacaagc	agcaaatgag	atatgggaat	ccataaaatc	aggcactgct	cttgaacc	660
ctgtactcct	caacaagtct	ctcctcttga	catttgagag	tctaaagaag	taccacttct	720
actattgggt	ttgctatcct	gccctctgtc	ttccagagag	tttacctctc	attcaggggc	780
cagtgggttt	ggatcaaagg	ttttacttaa	aacagattga	agcactagag	tgtgcatatg	840
ataatctttg	tcaaacagaa	ggagtcacag	ctcttcctta	cttcttaatc	aagtatgatg	900
agaacatggt	gctggtttcc	ttgcttaaac	actacagtga	tttcttccaa	ggtcaaagga	960
cgaagataac	aattgggtgta	tatgatccct	gtaacttagc	ccagtaccct	ggatggcctt	1020
tgaggaatth	tttggctcta	gcagcccaca	gatggagtag	cagtttccag	tctgttgaag	1080
ttgtttgctt	ccgtgaccgt	accatgcagg	gggcgagaga	cgttgccac	agcatcatct	1140
tcgaagtga	gcttcagaa	atggcattta	gccagattg	tcctaaagca	gttgatggg	1200
aaaagaacca	gaaaggaggc	atgggaccaa	ggatggtgaa	cctcagtga	tgtatggacc	1260
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tccccgggtg	gaatgccaga	ggattcaaca	tgagcatacc	tatgcctggg	catccagtga	1620
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tcgaaagcca	tgatgtcgtc	ttcctattga	tggacaccag	ggagagccgg	tggcttctctg	1740
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gttacaagct	tggctgtctac	ttctgcaatg	atgtggtggc	cccaggagat	tcaaccagag	1980
accggacctt	ggaccagcag	tgactgttga	gtcgtccagg	actggccgtg	attgcaggag	2040
ccctggccgt	ggaattgatg	gtatctgttt	tgagcatcc	agaagggggc	tatgccattg	2100
ccagcagcag	tgacgatcgg	atgaatgagc	ctccaacctc	tcttgggctt	gtgectcacc	2160
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aatgtacagc	ttgttcttcc	aaagtctctg	atcaatatga	acgagaagga	tttaacttcc	2280
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tgcatcaaga	aacccaagct	gctgagatct	gggacatgag	cgatgatgag	accatctgag	2400
atggccccgc	tgtggggctg	acttctcccc	ggcgcctgct	tgaggagctc	tccatcgcca	2460
gagcaggact	gctgaccca	ggcctgggtga	ttctgggccc	ctcctccata	ccccgaggct	2520
tgggattccc	ccctctgctg	cccaggagtg	gccagtgttc	ggcgttgctc	gggattcaag	2580
ataccaccag	ttcagagcta	aataataacc	ttggccttgg	ccttgctatt	gacctgggac	2640
ttggtcctcc	atgcagtttt	tatttcttgt	cacagtgact	gatagccatc	ccccaggatc	2700
ctttcccctt	ggccctgagg	gggtgaccca	acacagacca			2740

<210> 7923

<211> 1008

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (135)...(567)

<223> similar to gi5832417 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7923
agtgggtggaa ttcgagctac aacctgccag cctatgctcc atacctgccc tgcgaggcct    60
gcgcgatgca agacgggaga aaaggagggg cgtacgcggg caagatggag gcgactacgg    120
ctggtgtggg ccggctagag gaagaggcgt tgcggcgaaa ggaacggctg aaggccctac    180
gggagaaaac cgggcgcaag gacaaggaa atggggagcc aaagaccaag catctcagag    240
aagaggagga agaaggcgag aagcacaggg aacttaggct gcggaactat gtcccgagg    300
atgaggacct gaagaagagg aggggtgcccc aggccaaacc ggttgcaagt gaggagaagg    360
tgaaggagca gctggaggcc gccaaagccc agcccgtcat cgaggagggt gacctggcca    420
acctcgctcc tcggaagcct gactgggacc tcaagagaga tgtggccaag aagctggaga    480
aactaaaaaa gcggactcag agggccattg ccgagctgat ccgtgaaagg ctgaaaggcc    540
aggaagacag cctagcctct gcagtggatg ctgccaccga acaaaagacc tgtgactccg    600
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ctgccattct gaatggaggc agaaccagca acaactctgg gcgtgcctgt gtctgcacat    840
gtggatgtac atatgtctgt atatatgtat atattttgaa ctttctaaaa aaaaatctgg    900
aaatagaaac aagtaaaaaa aaaaaaaagg ggcgcctgt ttaagggatc aaagtttact    960
tccgcgggga tggagagggg aaagtttttt tatggggggc ccataacc    1008

```

<210> 7924

<211> 2258

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (80)...(1240)

<223> similar to gi3877175 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7924
tttcgtcgcg ggccggcggg cagcgcagcg ccgagcgggg cccgcggggc catgaggagg    60
cctggggacc atgggctcca ggatcaagca gaatccagag accacatttg aagtatatgt    120
tgaagtggcc tatcccagga caggtggcac tctttcagat cctgagggtgc agaggcaatt    180
cccggaggac tacagtgacc aggaagtctt acagactttg accaagtttt gtttccccctt    240
ctatgtggac agcctcacag ttagccaagt tggccagaac ttcacattcg tgctcactga    300
cattgacagc aaacagagat tcgggttctg ccgcttatct tcaggagcga agagctgctt    360
ctgtatctta agctatctcc cctggttcga ggtattttat aagctgctta acatcctggc    420
agattacacg acaaaaagac aggaaaatca gtggaatgag cttcttgaaa ctctgcacaa    480
acttcccac cctgaccacg gagtgtctgt ccatctcagc gtgcattctt attttactgt    540
gcctgatacc agagaacttc ccagcatacc tgagaataga aatctgacag aatattttgt    600
ggctgtggat gttaacaaca tgttgcatct gtacgccagt atgctgtacg aacgccggat    660
actcatcatt tgcagcaaac tcagcactct gactgcctgc atccacgggt ctgcggcgat    720
gctctacccc atgtactggc agcacgtgta catccccgtg ctgccgccgc atctgctgga    780
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cagaaacatg gccctggatg atgtcgtgat cctgaatgtg gacaccaaca ccctggaaac    900
ccccttcgat gacctccaga gcctcccaaa cgacgtgatc tcttcctga agaacaggct    960
gaaaaaggtc tccacaacca ctggggatgg tgtggccaga gcgttcctca agggccaggc    1020
tgctttcttc ggtagctacc gaaacgctct gaaaatcgag ccggaggagc cgatcacttt    1080
ctgtgaggaa gccttcgtgt cccactaccg ctccggagcc atgaggcagt tcctgcagaa    1140

```

cgccacacag	ctgcagctct	tcaagcagtt	tattgatggt	cgattagatc	ttctcaattc	1200
cggcgaaggt	ttcagtgatg	tttttgaaga	ggaaatcaac	atgggcgagt	acgctggcag	1260
tgacaaactg	taccatcagt	ggctctccac	tgtccggaaa	ggaagtggag	caattctgaa	1320
tactgtaaag	accaaagcaa	atccggccat	gaagactgtc	tacaagttcg	acattgccga	1380
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ggaggccaag	gaccccaagc	tccgagaaga	ccggcggcca	atcacagtcc	actttggaca	1500
ggtgcgccc	cctcgtccac	atgttggtta	gagaccaaag	agcaacatcg	cagtgggaagg	1560
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cattctacag	aaaagcatta	cccattttgc	ggccaagtcc	ccgacgagag	gctggacctc	1680
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cagtatcact	tttagttttg	ttggttggtt	ggtttggtgt	ttgtttaata	tgccctgttt	1860
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cactgtgctc	cgcccccttc	aaatgccatg	tcacaacagc	acttggaatg	gtttttctca	2220
actgtcatca	gctccagctg	gcaggacca	cttcttga			2258

<210> 7925

<211> 1803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1804)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1186)...(703)

<223> similar to gi847722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7925

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tgcccctagg	aatccccatc	cccagctaca	caggcactca	gggagagcgc	acatgctgtg	180
tgggcagaca	gccccaggcc	aggtaggcag	tgagctccct	caaatcctcc	cacccccagg	240
actcaggagg	gaggggcagg	agaggtgtgg	gcccgggtgtg	cagtcctcag	gcgggccccct	300
gagctcgcag	ccagccaggc	cttgtgcctc	caggatggat	ggtgtgatga	ggcacatgcc	360
ccgtagcctt	tcccttcagg	agggccttaa	ccaagaagta	tcttgtttag	gggctgggga	420
cagggtgggg	aagatgacag	gaggacagct	gacctcttca	ccctttgagt	ggatatccct	480
tcagaagatt	ccagccaaca	ccagaggagg	caggagcagt	agtcccagga	gagggcccca	540
cacatgacca	gggcccaggt	tcagccctga	cacgacgcta	ggcttgctcag	ggccctctgc	600
accatttttc	ctagagtctg	atgcttcagt	cgcccgggaag	gatggggcct	cagttaccag	660
gtaaggcaaa	tcctgagcat	cttccgggct	tccgatgggt	tcacagaggg	agttcttgca	720
gtggtagcca	gagggacatt	gggagcacgg	agtccccctc	tggtagggcc	gtttccctt	780

cacgttcccc	ggaggctcat	agttgcacac	cagtaattcg	atgttgggtct	cctcaacacc	840
ctggagcttc	tcacagaagt	gggaaccaca	gccgatcctc	tctgtcttgg	cccataccac	900
ctgcgtgtag	tggccgcaca	tctggcctgg	gctgcagggtg	gcggcgctga	ggttgtagt	960
ctcacgctcg	tggtgccact	ectccatggc	cagcggcacg	tccatgccct	cgtctgtgat	1020
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ctcatctgtg	agggctccaa	cggggcctgt	ggtggccacc	agcagtagca	gtagcggcag	1260
cagaagcatc	aggaaactgc	aggagccgtg	catggtggcc	agccgtctct	ccttctcccc	1320
tccaggggtc	tggcagctgg	atttaaagtc	cttcccacac	aagcaccacc	ctggctgggg	1380
tggggtagt	ggggccgtgt	ttgaggccca	gcccgactca	cacaatgtct	cagggagggc	1440
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ggcactggca	ctacagaatg	ccctgggtgtg	gtcatctctg	tggcctctgc	caccagtcc	1740
gccccnncnn	nggnnnnttc	nagtatcnat	taganaccct	ggagnnngaa	gcctggcaac	1800
tct						1803

<210> 7926

<211> 980

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (512)...(667)

<223> similar to gi4490946 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7926

ttttagtact	gttttaggta	ttggggatat	accaaggaat	aaaacaagat	tcctggaggg	60
agaggggaac	ggacagcaaa	caatagacac	aatacgatcg	tgaggtatat	agttaatgtt	120
ggtgatgagt	gctcctcaaa	ggaaacaact	aaaaccagac	aagggaagtc	ggggtgtcag	180
ggagaatggt	ttgtagtatt	gatgacaatg	gttaaggaag	gcctgagttc	tgcaaagacc	240
tcaaggatat	gagggactag	agtgcctctc	gctgtggaag	agcctgcgca	aagatcctga	300
ggtgggaggg	gtcagggagc	caactcattt	tacggtaagt	ggaggtggga	tccaggggag	360
gattctgagc	agaggagggg	cgtggcccaa	tttgggcttt	gaaaggatcc	tgcttgtctg	420
tgtgccagca	tcttgggtgt	ggttggggga	gtctgcatca	atcctgggtg	ctgttacctg	480
aaaaaatagc	aggtgttaga	cgaaagaaca	gatgtctggc	ccattgtctc	cagtctgttc	540
ctgtccacag	cttcccttta	tgctgagccc	ctgccacatg	catcatcatc	ctggccatgt	600
ggcattgtca	cagaccgtct	ctcctgctag	cctcctaact	cagggcctgg	gtcttcccc	660
gcattaagta	aatcagtctc	aggcagacag	ccctttatag	gtgtttgggc	caggtgcggt	720
ggctcacgcc	tgtaatccca	gctctttgtg	gggcccaggt	ctttgagctc	aggagttcaa	780
gaccagcctg	ggcagcatga	caaaaccctg	tctctaccaa	aaatacaaaa	attagccacg	840
catggtggca	cacacctgtg	gtcccagcta	ctcgggaggc	tgaggtggga	ggatcgctgg	900
agcctgggaa	gttgaggctg	cagtgaagccg	tgatcatgcc	actgcattcc	agcctgtgtg	960
atggagagag	accctgtctc					980

<210> 7927
 <211> 479
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (221)...(331)
 <223> similar to gi32575 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7927
 ccggaattcc cgggcggacg cgtgggggct gacatgagag aatcgcttga gcccaggagt 60
 tcgtggctgc agtgagctat gattgtgccca ctgcactcca gtctggggga cagaatgaaa 120
 ctgtctcaaa aagagtaaat gagaccccgga gagttggagc agtgccccct agtacacaga 180
 aaagacaggg ctttgacacc ccctatctct ggtgttcttg gccctcaaca caggaaaaga 240
 aaaaagccat ccaggaggag gaggagagag accaggcctt gcaggccaag gcgagcctga 300
 ccatccccgt ggtgcccgag acggaagatg accgcaagct ggcggctctg ctgaagttcc 360
 acaccctgga ctctacgag gacaagcaga aacttaagcg gaccgagatc atcagcccgt 420
 tctgggttcc cttttgcccc ggaatccgcc tccaacagca aggtcagcgg cggcctgag 479

<210> 7928
 <211> 2002
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (799)...(1700)
 <223> similar to gi757754 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7928
 agagacttgc caagccccac gaaagcaaat actgaataaa tgccctcagct taacttttga 60
 atggctgatc ctactcaaat gggaggcctg agtatgctgc tgtagctgg agaacatgct 120
 cttggcacac cagaggtatt ctctggcaca tgcaggcctg atgtttcaga atctcctgaa 180
 ttacgtcaga agtcaccatt gtttcagttt gccgagatat cttcaagtac gtccactct 240
 gatgcttcta caaagcagtg tcaaacatct gccttgtttc agtttgcaga gatttcttca 300
 aacacttcgc agttgggtgg tgctgagcct gtaaaacgct gtggaaagtc tgcactcttt 360
 caactggcag agatgtgcct ggcacagaa gggatgaaaa tggaagaatc aaagctaata 420
 aaagcaaaaag aatccgatgg tggaagaatt aaagaattag agaagggaaa ggaagaaaaa 480
 gaaattaaaaa tggagaaaac agatgaaact aggttacaga aggaagcaga atttgaaaaa 540
 tcggctaagg aaaatttaag agattctaag gaattgagaa attttgaggc attgcaataa 600
 gatgacataa tggctataaa aatggaagat cccaaagaaa ttagaaagga agagttagaa 660

gaagatcaca	aatgtagtca	ttttcctgat	ttttcttatt	ctgccagtag	caagataata	720
attagtgatg	ttcccagtag	aaaggatcat	atgtgccatc	ctcatggaat	tatgatcatt	780
gaggatcccg	cagcattaaa	caagccagaa	aagctaaaaa	agaaaaagaa	gaaaagcaaa	840
atggatcgac	atggaaatga	taaatccaca	cccaagaaga	cttgcaaaaa	gaggcagtct	900
tcggaatctg	acattgagag	cgtcatatat	accattgaag	ccgtcgcaaa	aggagactgg	960
ggcatagaga	aacttgagaga	taccctctgc	aagaagggtcc	gcacatcctc	aagtggcaag	1020
ggaagcattt	tggatgccaa	gccaccaaag	aaaaaagtga	aatcaagaga	gaagaaaatg	1080
tcaaaggaga	aatcctcaga	caccaccaa	gagtcaagac	ctccagattt	cattagtatt	1140
tctgctagca	agaacatttc	tggtagagaca	ccagagggtta	taaaagcaga	accattgacc	1200
cctatggaag	atgcactacc	accagccta	tcaggacagg	ccaagcctga	ggacagtgac	1260
tgtcacagaa	aaatagaaac	ttgtggttcc	aggaaatccg	agagggtctg	caaagggtgct	1320
ctttataaaa	ccctggtgtc	tgagggcagt	ctcacctctc	tgcgagctaa	tgttgacaga	1380
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aaagaagact	gtctccttgg	ctccgcaaag	ctggatgaag	aatttgaaaa	aaaattcaac	1560
agcctccctc	aatatagtc	tgttacattt	gaccggaaaat	gtgtacctgt	ccaagaaaa	1620
aagaagaaga	ctggaaatgt	gtcctcagaa	ccgactaaaa	ccagcaaagg	aagtggggat	1680
aaatggtcaa	acaagcaact	cttcttggat	gccattcacc	ctacagaagc	catattttca	1740
gaagacagaa	acaccatgga	gcctgttcat	aagggttaaaa	atatcccatc	cattttcaac	1800
actccagagc	caacaacaac	ggcaagaacc	tttggggggc	agccaaaaga	gaaaagcaag	1860
gaaaacccag	attactcacc	ttgtcaagac	acgcagaggg	ccgggtatca	ccatgaggag	1920
gtactttgga	tgacaaacct	tatgaacaac	tgcgaggagg	tctacctaaa	gcaactgaga	1980
catactgcga	tgacgaatgc	tc				2002

<210> 7929

<211> 2327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1955)...(657)

<223> similar to gi4884150 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7929

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ccccggcccc	ggaatttaaat	tttggggccc	cataaaaaaa	gtttttcctt	gccagcccc	120
ggtagttaa	cttggttctt	ttaaaccgggc	ccccctttt	tttttttttg	attttaaatt	180
tcttctttat	taaaaaaaaa	aggcgttttt	ctgggttttt	taaaacttct	ccaatacatt	240
aaaacttttt	ttctcgccac	atagcacttc	tttcttgctt	ctttcatttc	tgctcctggg	300
gttgcctgcc	tcctgcaaga	cccagatgaa	gaaacctttt	caatggtcga	gatctgagac	360
ttggagctgg	aggggctgaa	ggcttgaagg	aagggtggtta	ctgggtcaaaa	ggagaagttc	420
atttgacaaa	aaatataaac	tggggaggat	gagaccagca	catacacgta	tggattgatc	480
tacaatccat	ataaaaaaat	agacccaaat	tgtcatttta	catttgcaat	attatacaaa	540
ataatatata	tttttaaaca	acacataccc	acctacacac	acgtgcgcgc	acacacatac	600
acacaagggtg	ctagtgaacc	ctctgtgctt	ctgcttgtgg	ggacaagggt	gtcagtaggc	660
aaagatgaca	tggtaagtga	cctggtggcc	attgtcccag	gcatagagca	ggcggtcctt	720
gggggtttag	tctatctggg	tcgtataaaa	atactcattc	tcgaacagca	gcctggggac	780
gatctgtgtg	ttggtgtggg	tgtcgaaaagc	gtaggagatg	ttggcattcc	gctggttgta	840

gctatccacg	gcatacagca	ccccacagat	gacgaagcag	ttgccgtaga	aattcctccg	900
gagccccgtg	cgccatgtgg	tctccttctg	tgtgctcagg	tccgcggcat	tgagcttgct	960
caggacaatg	acctcctggc	tgaagccctc	atcgctccagg	gccgggtaga	tgagccatag	1020
gccattctcg	tccacagcaa	agtccacgtc	tgagtggccc	tgccatcgcc	aggggggtggc	1080
ctcctcgtag	gccacgtcat	gcagcatggc	ccaggcagcc	acgtagcgct	gcttcagggtc	1140
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gaagttctcc	aggttccgga	actctaccag	ggtgttgccg	tagtaatagt	tggttacgta	1320
aatccgctca	tccttgGCCA	gggggtcctt	catccaggcc	ccttcattcc	gcccataatgt	1380
gttctgggtg	gtcggccccg	tgattgtgga	gagagtgtcc	ttgcaccttc	ctatgacatt	1440
ccggatgtca	tcttcttctt	cggggctcag	cgtggggctg	gcaggggttg	ttccccgccc	1500
agcaggagca	tctttcccca	gcgagtctgt	tctgactgtg	gtgggaggca	ctgggactgt	1560
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cctccgggtg	acactggtca	tcaggccggt	gtgtctcagg	agctgatctt	caatcagcaa	1920
atccactcca	ttgtcacccg	tgaaaaaactc	atcttgctgc	tcttcaatgt	cattctcttc	1980
ttcagagacc	ttggctttat	agtaggtgat	gccccggatg	acagtgggct	gggaggccgg	2040
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ctgcagaaac	cgtcttctcat	actctgggtg	ggcgtaggct	gctgctgcat	ccctctgcag	2220
ggctcagcgg	atgtctggca	tgctatctag	gatgttttca	gagcaatttt	ctttgcctcg	2280
cttattcatc	tcgggttcgaa	tttcgtcccc	gtcgcgtgaa	tcgaccc		2327

<210> 7930

<211> 1294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1251)...(371)

<223> similar to gi3880433 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7930

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tctataacag	tctagagcag	gtcatcaggc	ccaggatgga	gagaggttat	caaagggtgct	120
gtgggtgtgct	ttgctgcacg	tgcttagggc	ctggaaggaa	aggtgggtggc	aacagagggtt	180
ggcaggaact	ggtgttagtc	aaaacaccaa	aatcctgggg	gagagccctt	ctaccttctt	240
tctaactcca	cttgagggtg	gagcattcca	ggagacagag	aatgtgacca	ggatgcagca	300
gtgtcatctg	aacccttggc	ttcgttcagt	gctacttcac	ttgccagccc	tccactcttc	360
ttgcctttta	gtgattaggt	atttgaagaa	ctcatacaca	gaccatgcga	tggctgtgga	420
ggggatctgg	taaattactc	tggcctgcac	ccctcgga	taggcgggtca	ccccacctac	480
ttgatatacc	gtcctgaagg	cactagccat	gcctgtgata	tgtcctgtaa	tgtgtgagtt	540
caaagccaag	gactcctggg	tgttgagcag	tgttttgcaa	acgtccagtg	gggttgtggc	600
tgccggcagct	acagctcctg	cgcaagctcc	agagaggacg	tgggagcttg	ggttgtaccg	660
tctctggggg	ttaaagtgtc	cctgcaggaa	ttcataggct	atgaagtgaa	tggcttgga	720

aggaacgttc	atgggtcagct	gggtggtgta	gctgcggtaa	aaggccccgg	ccccttcatt	780
ttgccacact	gcccgtacac	agtctgtcac	ccggtgggtat	ggtgagttgt	acatctgcat	840
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cccggccgca	ccattggcaa	tatggctatt	gccccaggg	tggattacat	cactcaatgt	960
cttttttaac	ttttcgtagc	aggcaaaata	aaggggcgtg	gcaggccctg	cgctgttg	1020
tgtgacgttc	agccccctca	tgggcctcca	taggccctcc	gttcttataa	tcctccagag	1080
ggcctccaac	acattgcgat	agcgggcagc	tgggtcaggc	tgtagactct	gcacccgggt	1140
cttgacgcag	tcgatgggg	acatcacgca	gtgctccagg	atccctgcc	cgccgcctgc	1200
caccatgtgc	gtggtgacag	tggctccagc	cggcagcgcc	tcgtagtccg	ggccggagtc	1260
cggatcttgt	cgtaccgggg	gcctgcaggc	ccc			1294

<210> 7931

<211> 1783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (328)...(713)

<223> similar to gi5912072 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7931

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cagcctctcc	tgagtgggtg	cctcatcaga	tagagtctctg	gtgtcacctg	gggagaagca	180
catctttttt	gcttggtg	tctggccagt	gggcatgtgt	ggggaagagt	tgtgatgcc	240
gcctgacttg	gggcagagca	gaagcactgt	ttggatggct	ttggaagcca	ggaggtggga	300
cctgagggtg	tggggtctgc	aggctgacta	tgtgttcgtt	ttccagggtg	ctttgacact	360
gaggctggag	ctgtgtcctc	ctcagagccc	actgtggcca	gagatgagcc	agagagccta	420
gccctggctc	agaagtcacc	ggcccccaag	gtcaggaagc	caggcaggaa	gccaccaacc	480
cctggcccgg	agaaagcaga	ggcagctgct	ggggaagagt	cctgtgggtg	ctccccctacc	540
cctgctacca	gtgccagccc	acctggcccc	acactgaagg	cccgtctccg	cagtctgctg	600
gagaccgcct	ggctcaatgg	cctggctctg	cccacctggg	gccacaagtc	ctcaagacca	660
gaccagccct	cacctgccc	acagctgctg	gacagccaga	gccatcacct	gtagcactgg	720
ttgccagtgc	tgtgtgtata	gcagtcactc	tccaccttc	cctttttgcc	ttgcccagct	780
gccccggggc	cacgagtggg	atgctggggg	ctgtggctgc	tccctgggaa	gggtttccat	840
ctttggacc	tgtggggcca	tttcagggtg	ggctgaagag	cccctgagct	tttaacgtga	900
gggtctttat	tggataggac	tactccctat	ttcttgcc	gagaacacac	atgggctttg	960
gagcccgaca	gacctgggct	tgaattccgg	ctcgtgttct	tgtgcagga	cctgggcaag	1020
aaacttcacc	tctgctgagc	cctcattccc	catgtgtaaa	atgggacaac	gcaacctacc	1080
tcacagggtt	gttgtgggga	tgtgcctga	tacataccct	gtcaccattt	ggtctctgct	1140
tcctctctgg	gacagggcct	agaattggag	gcagagaacc	ttcctataga	aagtcttcgt	1200
gtgtcctagg	acttggtctat	cgtagagtgg	taccttaggc	agtggatgtg	actcacactt	1260
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gaattgacat	cagtgtctcc	ctgaactgcc	tccccacccc	ctggcattat	cccaggaaac	1500
ttatgttttc	tagaagctaa	gcagctgctg	ggactcaggg	actggtgcag	gtaggctgag	1560
tggcagctca	gtcctagaag	gtctctgaag	atctggactg	aggaccctgc	tactccccaa	1620

gccagagccc	atcagccagg	cctgctgtga	gccacctgcc	tgtggagtgc	tgagctcaac	1680
caaaggctgg	caagctctgg	gcctcattta	agggattctg	atgagccgat	gggccctgga	1740
ggcagcccat	taaagcatct	ggctcgtttt	tggaaaaaaa	aaa		1783

<210> 7932

<211> 5773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5557)...(2739)

<223> similar to gi5689399 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7932

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caagatacta	gcaccttatg	aatattttaat	attaaagtgt	ggtattctta	aattttttaat	180
acacagacat	tttaaaggac	cattaaattg	attactgccc	agctgagaaa	tgcagcatcc	240
ctccccaccc	accccgcccc	catgcttgcc	atgccatctt	tgtccctgcc	tgcggggggg	300
aacacaggtc	ccagattcag	tcctctgagc	ctcccagcct	ggggccctag	aaggctcaca	360
actgaaatag	ttacctcat	cattaaaagg	gtcttctgt	ccctcctccc	caatcacact	420
cctgcctccc	actctctctt	cattaccctg	tgggggctcc	agctctggcc	aggccaggaa	480
gccccagatc	ccaagggtcc	ctggacagat	cacaggctga	agatgaaaac	tctggacttg	540
aatcctgttc	ttttcagcgg	ggagacaaat	acaaatcacc	ttctttccct	gagcactccc	600
actctctccg	cactcgatgg	gggtggtctg	ggaagctagc	agagttgggc	ctggggaggg	660
tggctcctgt	ccctggctgc	ccgaatcacc	tctgagccat	ggctccagtc	cctgtcacct	720
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ggccaaattc	tttatcttta	gccctcataa	aagtgtattcc	ttggatacca	cacacatata	840
taatattata	tagagcgata	tatttaatac	ctgtgtatat	atgcatcacg	ggggcgacat	900
atatacacac	tagaaacaag	gctggtgaca	acggactgca	acaccacgga	tcagggaana	960
cgagtatcat	cgacatcacg	gccacacatg	gccacagccc	ccacctgggg	tgtggtctcc	1020
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gggggtgggg	aggggaagagg	aaagggcgca	tgccacgatt	atcaggaaag	gttgggcagt	1140
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gctggcaatc	cttgcttgag	aagaatgggg	tggctccctc	tctcctctc	acccccctac	1260
agcctaattc	ctggttcctt	ccggggctgc	cccactcctg	tgccaatgat	gtggggcatt	1320
ctggaatgtc	tggggaacca	gggcacgggtg	gatctgccct	ggttgatgga	aggtaggggtg	1380
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gaggggctag	gacagacggg	tataactgta	tgtctgggtc	tagaggagag	gacatactgg	1560
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gctcacatgg	ccagccctcc	tctgggcctc	ccctccccag	ccccaggcca	gcgctgcctg	1860
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cagccaataa	ttggccctga	gtctttttcag	ccctgttttc	atcccagctc	tgccttgtgc	1980
tgggaccgtg	ggtggaccac	tcctcccttc	taggcctcag	ttttcctctc	tgcaaaatgg	2040

ggttttgggct	ggatcatctc	tgaaggctct	gaggacctac	agtctatttt	cactggccca	2100
cgagggagca	gggttcaggt	ggtggcatca	gagaaagggc	tgggactcct	taagctccaa	2160
agatcatcta	gcccacctcc	tcccagcctt	cggaggga	agctgaggcc	ccagagggt	2220
agtggccagt	acagtgttcc	cagctccaac	ctggggctac	attttaaaagc	taatggggcc	2280
tctgccctct	gttgtgtcct	gatttgcccc	cagggggagg	gggtgggagg	aggacggggc	2340
agggagagaa	ggacctcct	gctggagatt	caagtgggga	ccccaggctc	cccagccctg	2400
agctttgggc	ccccattagg	agcagacaga	agttaaagct	ggaggctgaa	gctggagggg	2460
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ttagtaataa	ttaa					5773

<210> 7933
 <211> 3617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (55)...(1779)
 <223> similar to gi23897 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7933						
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gcggctggcg	cctgggagct	tacgattttg	cacaccaacg	acgtgcacag	ccggctggag	180
cagaccagcg	aggactccag	caagtgcgtc	aacgccagcc	gctgcatggg	tggcgtggct	240
cggctcttca	ccaaggttca	gcagatccgc	cgcgcgaac	ccaacgtgct	gctgctggac	300
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cacgtatcca	tgtgcatttt	aaatggagggt	ggtatccggt	cgcccattga	tgaacgcaac	1260
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taagctcaaa	aaaaaaa					3617

<210> 7934

<211> 1826

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1637)...(780)

<223> similar to gi4972734 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7934

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attttttatag	gtaactaaat	ttaagaagtt	tacccttttt	ccctgttttg	cttttaataa	180
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tcagagtcct	atttgggtgt	aaggtaccgc	tgggaaggga	ggaacaagga	tttgtcatgg	360
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<210> 7935

<211> 1394

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (58)...(1254)

<223> similar to gi344242 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7935

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ggaaaattac	atcctggaag	ccctgaagtg	actatgaaca	ttagtcagat	gattacttat	180
tggggatacc	caaatgaaga	atatgaagtt	gtgactgaag	atggttatat	tcttgaagtc	240
aatagaattc	cttatgggaa	gaaaaattca	gggaatacag	gccagagacc	tgttgtgttt	300
ttgcagcatg	gtttgcttgc	atcagccaca	aactggattt	ccaacctgcc	gaacaacagc	360
cttgccttca	ttctggcaga	tgtctggttat	gatgtgtggc	tgggcaacag	cagaggaaac	420
acctggggcca	gaagaaactt	gtactattca	ccagattcag	ttgaattctg	ggctttcagc	480
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ttttccacca	atcccagcct	ggctaaaaga	atcaaaacct	tctatgctct	agctcctgtt	660
gccactgtga	agtatacaaa	aagccttata	aacaaactta	gatttgttcc	tcaatccctc	720
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atntaaagaa	ttatccgttt	gtttttccaa	aatactttat	tctctcatac	atagtatttt	1320
cataatgttt	gacatgcagt	gcttctttct	gtaattttga	ctttagaaat	atattggcat	1380
caacaaaaaa	aaaa					1394

<210> 7936

<211> 4518

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (183)...(3306)

<223> similar to gi36675 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7936

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ctgtcccca	gctgagctga	ggctcttctc	ctccgatccc	cacctctgcc	cggacatcca	180
ccatggggac	agccaccagg	aggaagccac	acctgctgct	ggtagctgct	gtggcccttg	240
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ccaccaaggc	acaggatgcc	ggggtctacc	agtgcctggc	ctccaaccca	gtgggcaccg	540
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cctgctgctg	cccaggtata	cctaggacca	cctggccaga	tccgctccca	gacggccttg	4440
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aaaaaacccc	cccccccc					4518

<210> 7937

<211> 1509

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (327)...(492)

<223> similar to gi4469350 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7937

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agggggagcc	taccgcaggc	tgCGaatgtt	tctgtgtgaa	ggagagtttt	attgcagagt	180
tggaatatct	ctggctggag	gggaggttat	tctcaggatt	ggcatgtttc	tggtcagatg	240
ggggtttatc	tcatggttga	aatgtttctg	ctcatactga	catgagccat	taggtgatg	300
ttttgggctg	gtttttaatc	acggagaact	taaaatggcc	atgtttgtcc	aagatggcaa	360
tgctcctgct	gtcacacca	cccaccaca	gggtactggg	gtcgctgcag	aacctggccg	420
ccttcgcaga	cacgttcac	tgtgcccggg	gcaccccat	gcacccaag	gagcgatgcc	480
gcgtgtggta	gccaaggccc	tgccgcgctg	tgCGggccac	gccaccgcg	tgctcgagg	540
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tgggcaaaac	agctgcccgg	gggtgggaga	gagtgacagc	tgggagctga	tggggaggga	960
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agggtcccca	gggaaagg	gccaagaagc	tggacacacc	taattagact	aagaccctcc	1440
cgggcggcc	gccccaaag	ccatacccag	caggtgcaaa	caatgattct	gacatcagta	1500
aagagcctt						1509

<210> 7938

<211> 1084

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (133)...(902)

<223> similar to gi2253585 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7938
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ctaagagcaa agatgtttca aactgggggc ctcatgtct tctacgggct gttagcccag    180
accatggccc agtttgagg cctgcccgtg cccctggacc agaccctgcc cttgaatgtg    240
aatccagccc tgcccttgag tcccacaggt cttgcaggaa gcttgacaaa tgccctcagc    300
aatggcctgc tgtctggggg cctgttgggc attctggaaa accttccgct cctggacatc    360
ctgaagcctg gaggaggtac ttctgggtggc ctccctgggg gactgcttgg aaaagtgacg    420
tcagtgatc ctggcctgaa caacatcatt gacataaagg tcaactgacc ccagctgctg    480
gaacttgccc ttgtgcagag ccctgatggc caccgtctct atgtcaccat ccctctcggc    540
ataaagctcc aagtgaatac gcccctggtc ggtgcaagtc tgttgaggct ggctgtgaag    600
ctggacatca ctgcagaaat cttagctgtg agagataagc aggagaggat ccacctggtc    660
cttggtgact gcacccattc ccctggaagc ctgcaaattt ctctgcttga tggacttggc    720
cccctcccca ttcaaggtct tctggacagc ctcacagga tcttgaataa agtcctgcct    780
gagttggttc agggcaacgt gtgccctctg gtcaatgagg ttctcagagg cttggacatc    840
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taagccttcc aggaaggggc tggcctctgc tgagctgctt cccagtgtc acagatggct    960
ggcccatgtg ctggaagatg acacagttgc cttctctccg aggaacctgc cccctctcct   1020
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caaa
1084

```

<210> 7939

<211> 3710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3544)...(3446)

<223> similar to gi2224518 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7939
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tcagaaaaca ggttattatt tttttaaatc acttaacact gaacagataa gacctcttaa    180
aaggcagctg actatatcat gtcaccatca tagccaatac aacatttttg ccatacttcc    240
taaaaacctt ttgcataaca ctgatcatgc tacttatcag cactttctaa catcctgacc    300
aaacagacac ccacacctct tatagagtac acttgtgaga gaataacatg ggacttggat    360
atgggcatca cacttgtttt aaagcaaaaa aaaaaagaaa aaggaaaaga aaaaaaaaaag    420
tccaaggcaa gaaactatat aacctgagag agaggagaga gagagagatc tgaggtacat    480
gatataaggg tgatgaacat aatggaaaaa atccaatggc ccgatgattt gctggggatg    540
taagagttgg ccagcagtta agaactaaac caattaaaaa taaaaataga aactttgttt    600
ttcaaggaca ggcacctgtc aaaagacatt ggatactgta atggctacag tcagtaaggc    660
actttatttc cccaaagtag gctgcaggcg aagggatgca ggctgcagct acagcatgca    720
cgtacacatt tgctgatggc ttctcaaaac ctgagccgag aataggggtc gatagcccag    780
ccaagtttaa aagcagacac acacgaatgt agtatcgttg tgcctgaaat gaccattctg    840
ggttgtttag aatccagaat catcaaaagc catgtggtat gaggaagtaa taaatatcct    900
cttgaatctt cttaccctat tttgcacaaa tggatggctg catgaacagc tcttgtaaat    960

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tgctctgagt	ccacaccaat	agaaacctgc	actcattcta	tagctacaga	gggtttgttg	1020
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gactgtctca	gagataaaca	aagaggaatc	cttttggtct	agaagccaac	tggcttactc	1140
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agaactcata	tctcaaccat	ctacttcagg	acttggaatt	taagcagtaa	aataatatat	3600
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<210> 7940

<211> 1959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (72)...(1266)
 <223> similar to gi306714 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7940

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cgtccccgga	ggagatcaag	aaggcctatc	ggaagctggc	gctcaagtac	caccocggaca	180
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gcttaattta	tatttaaagt	ttttaagtat	aaatcacctc	tagtctgcat	atggaatctg	1500
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ggatggaacg	tgagtgtctg	atcatctctc	ttggaagttt	tctgaacctt	ccaagctctg	1920
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<210> 7941
 <211> 4423
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (264)...(1996)
 <223> similar to gi939885 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7941

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<210> 7942

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (56)...(413)

<223> similar to gi3805814 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7942

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gggcatgcag	agctcccagc	agagaaaccg	agagcgtgtc	ctggcccagc	ttcttggcat	360
ggtctgcgac	gtcaggcccc	aggtccaccc	caactaccgg	atttctgcct	agggccaccg	420
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agcctcggat	gtcctcct					798

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<210> 7943
<211> 2387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (370)...(1101)
<223> similar to gi3628745 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 7944

<211> 3015

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(1576)

<223> similar to gil657458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7944

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<210> 7945

<211> 1379

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(518)

<223> similar to gi5817177 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7945

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aatgttaaat	ttaaaaataa	caatgtgtat	gggtcctccc	atgtgtaata	tggttaacatg	960
taacttgcag	tgtttgccag	ctttcaaagc	aggctttgtg	aaaatgtaat	acaaacagca	1020
gtgaatggga	ctcaaagtgt	gtgcttccta	taaacagctc	cgctctttca	gggaaggatg	1080
gtaacaaact	agaaggacaa	atatgtacgt	atttataacg	tattaaaact	cttttaagta	1140
gcttaaggta	ttgtgcaatg	gcctagccta	gtagaaatgg	gggaaaagca	ttgctgtgga	1200
ccattgttaa	agtgcagga	gttgtagggg	tacccttttg	acaagcttcc	atagtcttca	1260

gacacgcaca	ttgatggcat	ccctacagtc	ttcttcactt	gaactttgta	aaactgcata	1320
tggacctgta	atcaactttt	gatattttct	aataaaggcg	ttgaaaatca	aaaaaaaa	1379

<210> 7946

<211> 2262

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (309)...(1371)

<223> similar to gi402478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7946

tttcgtgcga	gaggagcccc	tgtctgttta	acgtctotaa	tgtgctgcgg	ctgccggcag	60
aagctagcag	gctcctctgc	tgaggagctg	gtgectgtcc	agacgcagaa	gaaaactgac	120
acctcccacg	tgggggacag	aaaggtctct	tcattggtgc	cacctgcaga	gatagacaag	180
gagcgcttgg	ccatcagagg	acgtccttga	cagtgcacac	gtgaccacta	taaaagtcag	240
gcgggctgag	gaggagacaa	aggccaggac	gctccgcagc	tgttggggaa	gaggagctgc	300
ctcctgggat	ggagaaatth	aaggctgcga	tgttgctggg	gagcgctcgg	gatgctcttg	360
gctacagaaa	tgtctgcaag	gagaacagca	ctgtaggcat	gaagatccag	gaggagctgc	420
aacgttccgg	gggcctggac	cacctcgtac	tctcgccagg	agaatggccc	gtgagtgcac	480
acaccatcat	gcacatcgca	accgccgagg	ccctcaccac	agactactgg	tgcttggatg	540
atctgtaccg	ggagatgggt	agatgctatg	tggaaatcgt	tgagaagctt	ccagaacgcc	600
ggccagaccc	agctaccatt	gaaggctgtg	ctcagctaaa	gcccataaac	taccttctcg	660
cctggcacac	accgttcaat	gaaaaaggct	cagggttttg	agcggccacc	aaggccatgt	720
gcatcggcct	gcggtactgg	aagcctgagc	ggctggagac	cctcatcgag	gtcagcgtgg	780
agtgcggccg	gatgaccac	aaccatccca	caggcttctt	gggctccctg	tgcacggccc	840
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aggagcactg	gttttacttt	gaagctaaat	ggcaatttta	tttggaggag	aggaaaatca	1020
gtaaagactc	agaaaaataa	gccatcttcc	ccgacaatta	tgatgcagaa	gagagggaaa	1080
agacctacag	gaagtggagc	tcggaaggct	gaggggggaag	acgaggccac	gatgccccca	1140
tgatagccta	tgacgccctc	cttgccagcag	gaaacagctg	gactgagctg	tgtcaccggg	1200
ccatgtttca	tggaggggag	agcgcggcca	cgggcaccat	tgccaggctg	ctgttcgggt	1260
tgctgtacgg	cctggacctc	gttcccaaag	gcttgtacca	ggacctggag	gacaaggaga	1320
agctggagga	cctgggcgcg	gctctctacc	gcctgtccac	agaggagaag	taaagccatt	1380
tctgccactt	tccccctaga	gagccgattc	caccccgggg	cccgtagggc	cctctcgcag	1440
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taactctctg	tttccaatth	cagaatccta	acgtgttgca	taaaatacat	tgtttgtcct	1560
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tcctggacag	agaaacagtc	cacactgggg	cctgcggggc	acatatagca	gcataatttg	1920
ctcttaaccc	caccacactt	tttaatcaca	ctagatttta	agatcaatcc	ctttttgaaa	1980
caactcacgg	agaaaaccag	aacataaatg	gcctcctgcc	agctccggcg	tctctctgtg	2040
gtctgcctta	gtgggccaag	tccaaatgca	gagaaggcct	ttcccttccg	cgctgcctcc	2100

atcgggctcg	ctgacgagga	agcgcgtgtcc	ctgtgatgag	gttctctctc	aaagagtctt	2160
ggaaaagagg	ccccttgctc	ttgtttaaaa	taaatttgga	cgtgattttt	ccatgcagca	2220
tctggtgtga	ataaaacagc	agttgactga	tgtttaaaaa	aa		2262

<210> 7947

<211> 1414

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(1414)

<223> similar to gi5106988 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7947

cggcgctgcc	gggtgaaatc	gtaggacagt	gaagatgctg	ctggaattgt	ccgaggagca	60
taaggaacac	ctggccttcc	tgccctcaagt	ggacagcgcg	gtggtcgccg	agtttgggcg	120
gattgctgtg	gaattcctga	gacgcggcgc	aaacccaaaa	atctacgaag	gcgcgcgccag	180
aaaactcaat	gtgagtagtg	acactgtcca	gcatgggtgtg	gaaggattaa	cgtatctcct	240
cactgagagc	tcaaagctca	tgattttctga	actggatttc	caagactctg	tttttgttct	300
gggattctct	gaagaattaa	acaaattggt	gcttcagctt	tatctggaca	acagaaaaga	360
gatcagaacg	attctgagtg	aattgggcac	caagccttcc	cagttatcat	aaccttgaat	420
ggcgactaga	tgtacagctt	gcaagtagaa	gtctcaggca	acagattaaa	ccagcagtga	480
ctataaagct	acaccttaat	caaaatggag	atcacaacac	caaagtctctg	cagacagacc	540
cagccaccct	gctccatttg	gttcaacaac	tggaaacaagc	attggaagag	atgaagacaa	600
atcactgtag	gagagttggt	cgcaacatca	agtagtacca	gttttaaggt	tttaattcat	660
ttgaatcact	tatgaattga	tgatatacag	caattacttt	tcaaaattaa	ttttttatta	720
attcatgatg	ataaatacat	agtattcctc	agtatctatt	ccaagatact	gaggtcataa	780
tcagaagcta	agctgggtgc	agtggctcat	gccagttatc	ccagcacttt	gggaggccga	840
ggtgggcaaa	tcatgaggtc	aggagattga	gaccttcctg	gctaacatgg	tgaaacccca	900
tctctactaa	aaatataaaa	aattagccag	gtgtggtggc	acgcactctat	cagagtccca	960
gctactcagg	aggctgaggc	aggagaatcg	cttgaacctg	ggaggtggag	gttgcaagtga	1020
gctgagattg	tgccactgca	ctccagcctg	ggtgacagag	tgagactcca	tctcaaaaat	1080
aataataata	ataataaaagt	aaaaataaaa	ataaaaaagt	aatcagaagc	taaagtaaag	1140
ttcctttcct	ggtgctaact	gtggtcttct	tgacacatta	agatgtattt	tgtattttta	1200
gagtctcatg	ctctaccgtt	gggaactagc	cagatggcca	ttattttgta	ttttaaatac	1260
ataaatagga	ttgaatcaac	tagaaatgaa	tctatatgtt	ctgtatatat	gaatgactat	1320
cttgtttttg	ctacttcctt	tgactgctta	attttattat	tttcatcttt	attgatcaaa	1380
tttcccaata	aaattcacaa	tgtaataacta	aaaa			1414

<210> 7948

<211> 2629

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (73)...(791)
 <223> similar to gil469177 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7948

tttcgtggcg	gcagcggcgg	tggcgggtggc	tgagcagagg	acccggcggg	cggcctcgcg	60
ggtcaggaca	caatgtttgc	acgaggactg	aagaggaaat	gtgttgcca	cgaggaagac	120
gtggagggag	ccctggccgg	cttgaagaca	gtgtcctcat	acagcctgca	gcggcagtcg	180
ctcctggaca	tgtctctggt	gaagtgtcag	ctttgccaca	tgcttgtgga	gcccacactg	240
tgccgctcag	tcctcattgc	caacacggtc	cggcagatcc	aagaggagat	gacgcaggat	300
gggacgtggc	gcacagtggc	accccaggct	gcagagcggg	cgccgctcga	ccgcttggtc	360
tccacggaga	tcctgtgccg	tgacgcgtgg	gggcaagagg	gggcacatcc	tgcttctggc	420
ttgggggacg	gccacacaca	gggtccagtt	tctgaccttt	gcccagtcac	ctcagcacag	480
gcaccaaggc	acctgcagag	cagcgctggg	gagatggatg	gccctcgaga	aaacagagga	540
agctttcaca	agtcacttga	tcagatatatt	gaaacgctgg	agactaaaaa	ccccagctgc	600
atggaagagc	gtttctcaga	cgtggacagc	ccctactacg	acctggacac	agtactgaca	660
ggcatgatgg	gggggtgccag	gccggggcccc	tgcaaggggc	tcgagggtct	ggctccggcc	720
accccaggcc	ctagctccag	ctgcaagtc	gacctgggcg	agctggacca	cgtggtggag	780
atcctggtgg	agacctgagc	aggagccctg	agtgtccaca	gccgcctctg	acgcattgac	840
acgtgagcac	tggtctccac	ggaggggtgcg	cctgccgcca	gcggcccagc	cttgtctgcc	900
tgtctgctga	ttctgagaaa	tcccagaaca	gccattacc	agtggggctg	cagccctagg	960
cccgctccac	tcacctcccc	cctgtggagc	gccaggcaga	ggctgttctg	gaaggcttct	1020
tgtcttctga	cgctcccaca	gccctggggc	cctcgtgtct	ctttgtgtcc	cccactgtag	1080
aggacgggtga	gccgcagctg	catcaacctc	cttttacctt	tagatagggtg	aattttttaca	1140
attcagtttt	acatgttttg	ggcagtatatt	tgtcttaaga	tatatattttt	aaacttttta	1200
taccttatct	cttttagattt	tttcagctat	tttcttaaaa	gtatatatttt	tctataaaca	1260
tcctttgctg	ctacattaga	actttttatag	cctaaacaat	tgcatgttgt	gtgtttcatt	1320
tttttaaggt	ttaaataagg	gttttttgtt	ttgttttgtt	ttttgcagtg	agcatcacta	1380
cagtctcagt	caacagtgtg	aatgtatcat	gttttacttt	aaatgtgtgt	gtgatacttc	1440
ttcattatgt	cctgcgctgc	agtgcagacct	gggtgaaaat	caggagccgc	acacagccac	1500
atcttcctag	acctaagagt	aaattatgga	ggattttatt	tatgtctatt	tatatgtaaa	1560
tgtcattgaa	gacaaagggtc	aaatatattgt	ctgtttgtag	atcacaggca	ccagttgggtc	1620
ttcagggacc	tcatagcccc	tcgggtgggtg	cttctcaagg	cagtgttcct	ggaggctccc	1680
atcaggggtca	gcccattgcac	ctgccctggg	tgaggaaagta	gcattgctgc	tggatgagaa	1740
acgcctgcgc	tgctctgtta	gactgggtgct	gaaacaaaag	gttaaggcta	ggttgaagtc	1800
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attaaaaaat	tatccagcaa	acaaaatggg	aatgtgggtg	tagttacgac	cacggcctga	2100
ccctccagca	acctttctgc	aggatcagtt	ctgctgtatt	atctgggtgg	gctttctaa	2160
gtgggggaaag	gaattgcact	tggctgcatt	aaatggacgc	tgggttactt	ttatttcccc	2220
ccccacagc	gttgacagag	aaattctttt	tacattgttc	agcgcccggc	tggagttggg	2280
gggtgccacg	acctctgaca	gccccgatg	tcgaaagtta	atcctcatgg	accctagttt	2340
aaaggggtgtg	tgttttatag	gaataaatct	aaagcactat	tttgtttctg	tatagcattt	2400
ttatctttta	gaaacatcat	ttgttcagca	ttagtagtag	ttgtagtgcc	tgttttggta	2460
gccttcaaaa	ttataaaactg	ctcagagaat	gtgacttttg	agcgcttttag	gggtgcttgg	2520
tcggaaaaca	gactgggtct	gtggaaggac	cacagacagg	agagaacagc	tgctgtgact	2580
tagaagtgtga	gccggagtct	cattccctgg	actcgccgtg	ttcacctgt		2629

<210> 7949
 <211> 2526
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (89)...(1001)
 <223> similar to gi5114057 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7949

aggaattccc	gggtcgacga	tttcgtgacc	gggtcacccg	gtcgtttggg	gggtccgtct	60
gtctgtccgt	ccgcccgcgg	gtgccatcat	ggcggaacgg	gccagtcagg	tgctcctggg	120
ctccgggtctc	accatcctgt	cccagccgct	catgtacgtg	aaagtgtca	tccaggtggg	180
atatgagcct	cttctctcaa	caataggacg	aaatattttt	gggcggcaag	tgtgtcagct	240
tcttggtctc	tttagttatg	ctcagcacat	tgccagtatc	gatgggaggc	gcgggttggt	300
cacaggctta	actccaagac	tgtgttcggg	agtccttgga	actgtggtcc	atggtaaagt	360
tttacagcat	taccaggaga	gtgacaaggg	tgaggagtta	ggacctggaa	atgtacagaa	420
agaagtctca	tcttcctttg	accacgttat	caaggagaca	actcgagaga	tgatcgctcg	480
ttctgctgct	accctcatca	cacatccctt	ccatgtgata	actctgagat	ctatggtaca	540
gttcattggc	agagaatcca	agtactgtgg	actttgtgat	tccataataa	ccatctatcg	600
ggaagagggc	attctaggat	ttttcgcggg	tcttggtcct	cgccttctag	gtgacatcct	660
ttctttgtgg	ctgtgtaact	cactggccta	cctcgtcaat	acctatgcac	tggacagtgg	720
ggtttctacc	atgaatgaaa	tgaagagtta	ttctcaagct	gtcacaggat	tttttgcgag	780
tatgttgacc	tatccctttg	tgcttgtctc	caatcttatg	gctgtcaaca	actgtggtct	840
tgctggtgga	tgccctcctt	actccccaat	atatacgtct	tggatagact	gttggtgcat	900
gctacaaaaa	gaggggaata	tgagccgagg	aaatagctta	tttttcggga	aggtcccctt	960
tgggaagact	tattgtttgt	acctgaaaat	gttaatttga	agatgtgggg	cagggacagt	1020
gacatttctg	tagtcccaga	tgacacagaat	tatgggagag	aatgttgatt	tctatacagt	1080
gtggcgcgct	tttttaataa	tcattttaatc	ttgggaaaat	tcaggtgttt	ggtgtctgcc	1140
ttttttgttc	ttttttccag	cacaacataa	cttaccactg	atactcccc	tttagttatt	1200
ctgaattagg	atatttttgc	tccaaattct	tattttactt	aaccagaagg	gaaaaaaagt	1260
tgtattttcc	tgaagctaca	ggcactttgt	catgtgattt	ttgagtctca	atttaaggct	1320
ttgtaaaatg	aagagtagaa	ttccaagaaa	aatgagaaat	aattttgtaa	aacttaacaa	1380
aatcactaaa	ttaaactata	tgggaggtta	tgaattactt	tttcttgggt	agaccctaaa	1440
atgtcagtag	catgcaccag	aatctgactc	ccattatgct	tctaagcaca	tttcattgac	1500
cttgtctctc	atacttcaag	aaaaggacag	tacattgcta	cattacccta	gaaagtctgt	1560
gtgaggatct	gccccttcag	tctgttattg	caaagtaata	aaatgtcacc	tacagggagc	1620
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gcaacaacaa	agaaaaagac	aattacagaa	aataagcaag	atttggaaag	gaagtataat	1740
ggcacttttt	tcctcaaagg	aagttcttgt	tttcacataa	aatatgaaaa	gcagatcctg	1800
caggagtaac	ccccttcttt	aagagccaag	tatttgccag	tgcttaaatt	acaccatacc	1860
ggtctaatta	tatataatct	tttgttcttc	agttttttgt	tttgtttctt	ttttgttatt	1920
ggtgccgaag	gtgagttagt	ttgcatttct	gatgacagcc	ttggaaagta	tatttghtaac	1980
tccatgtctg	gtaatgccaa	cccaagtcga	catgggtctt	aggacactga	ccacctcaca	2040
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aaataaaaatt	caactcaagc	ataaagcttc	tgtttactca	ggccttctaa	aaagcagggt	2160
aaaatgctct	aaaatgagaa	agcctgtggg	ttcacttatt	tatataactc	actgggacat	2220
tgccaaatga	gtaagcactt	aattcgctgc	ttctgagact	tctctgtcaa	aacagcccca	2280
ctgataatat	tagacagaac	gagaatgcag	gggtctcttc	cctcccctgg	ggtttaggaa	2340
gctcatgagg	agctcggctt	aaaatgtctt	tgatgtctct	tcctttgtct	caaaaagtaa	2400

tgtcaatttt	atatactatt	tcaatattac	tatctgcatt	tgttttaata	taaaaatggt	2460
tgctgcctac	ctttttctcc	caaaaaatct	ttaagtaaag	atgatctggg	aaaatgaaaa	2520
aaaaaa						2526

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<210> 7950
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (295)...(451)
<223> similar to gi338423 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7950						
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tgggtcccta	cccagcgggg	acctgcagaa	ttgtgtcggg	aagttgcatt	tcctgggcta	120
gggcccccca	gcaatcagga	atgagagaaa	tgcagaaagt	atgaccaca	cgcagaactg	180
gttctgaata	gaacatttat	tgacgaagtt	ttgcaggagg	cggcggggcg	tttaattccc	240
gaggctgttg	gtggcagctc	gctgctcacc	ccaagcctgt	taactgctag	gttgcccgtg	300
ctggggacaa	tgcggatgcc	cggccctcgc	ccacctcgt	ggtgcccgga	tgggagctct	360
cctgaggaaa	gcgaatctcc	ctgggggtgcc	ctccccaggc	agcaatgcca	ggatgcctgt	420
gtccacctcc	ctccaccagg	atggcagcca	ggagcggccg	gtgagcctga	cctctaccac	480
ctcctcgtcg	ggctcctcct	gtgacagtcg	cagtgccatg	gaggagccca	gcagctccga	540
ggctcccgcc	aagaatgggg	caggctccct	gagaagccgg	catctgcccc	acagcaacaa	600
caactccagc	agctggttga	acgtgaaggg	gccccctctc	ccgttcaaca	gccgggcagc	660
ggcagggcct	gcacaccaca	agctcagcta	cctggggccga	gtggtgcggg	agatcgtgga	720
gacagagcgc	atgtacgtac	aggacctgcg	cagcatcgtg	ga		762

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<210> 7951
<211> 2120
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (77)...(526)
<223> similar to gi458960 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7951						
catggctagc	ccagccgcct	cctcgggtgcg	accaccgagg	cccaagaaag	agccgcagac	60

gctcgtcatc	cccaagaatg	cggcggagga	gcagaagctc	aagctggagc	ggctcatgaa	120
gaaccgcggac	aaagcagttc	caattccaga	gaaaatgagt	gaatgggcac	ctcgacctcc	180
cccagaatth	gtccgagatg	tcatgggttc	aagtgtctggg	gccggcagtg	gagagttcca	240
cgtgtacaga	catctgcgcc	ggagagaata	tcagcgacag	gactacatgg	atgccatggc	300
tgagaagcaa	aaattggatg	cagagtttca	gaaaagactg	gaaaagaata	aaattgctgc	360
agaggagcag	accgcaaagc	gccggaagaa	gcgccagaag	ttaaaagaga	agaaattact	420
ggcaaagaag	atgaaacttg	aacagaagaa	acaagaagga	cccggtcagc	ccaaggagca	480
ggggtccagc	agctctgcgg	aggcatctgg	aacagaggag	gaggaggaag	tgcccagttt	540
caccatgggg	cgatgacaat	gtttgccaca	gcctctgcct	ggaacctggc	tcgtgctgtg	600
accagaaggg	aaaggcggct	gtttggctct	ttctcccccg	caaggacctg	ctgacctgct	660
ggatggagag	caaaggagac	ccctcccgag	ccgtccacag	tcctgtatth	ggcagggtttg	720
ggagcctgag	gggccatctc	cctgacactc	agaggcactg	ccttgacagc	accatccgtg	780
ctcctggtaa	agggggacag	agagcctcac	cttgccacat	atthgaacag	tgatgagttt	840
ggggctgggt	tctgggaagg	gaacgtttat	ttagtaaaga	gcagaacacc	cttgcgthtt	900
gttgggacat	gtggaccgtg	agtcgcaaac	actctggaga	aggctgagat	gccaccattc	960
ccacggggac	tgaagacaca	ttacgtggac	ctggtcccag	gctcagtgag	gagatggcct	1020
cagctgtggg	gctggtccat	gttgcccact	cactccagtg	ggaagtgggg	accacgccat	1080
agagggtctg	ctcccactgc	agctcccggt	gctctcgtgt	tctgggaagg	cctgggtgtg	1140
tgacaaagga	ggcccggggc	agggacttca	ccaggggctg	ggtcacaagg	gcacaggggtg	1200
tgtggaagc	gctgtggggg	aagagccggt	caccggagag	tgagcaggcg	gagactccaa	1260
gctgggctga	gccagagcag	aaggcgaggg	attcccagcc	ggacgggggt	tctctacca	1320
acagctgtga	tttcatcccg	aagtgggaagg	gggtctaaac	agaacaggct	gagagaggcg	1380
ggactgggtc	aagtgggtgg	agctcctcct	tgcatgactg	caactgtcgg	ggctttccgc	1440
cggctcacag	cagttggggc	cagcggggag	aagagaggcg	gaactgctgt	gtcctcatgt	1500
ggcgcagcct	caaactggca	tccaggcact	gggcccgtgc	agagaaggca	cctgcagaga	1560
gcagggcagc	ccggcgaggg	ggcatgcgcc	tagaatccca	gctactcgga	aggccaaggc	1620
aggaggaccg	cttgagtcca	gggattcaag	gccaacctgg	gcaatagagc	gagaccctgt	1680
ctcttaaaaa	acgatgatga	tgaacacaga	ggacggggca	ctgtgctggg	agccaggggg	1740
cctgggagga	gccgagacca	gcctttttacc	tcggggthtt	gaggccaaca	gggacgacag	1800
agacagthtt	tagttagagc	cttggtccca	thtttgatg	atthtagccc	gagthtctga	1860
gtctatthtt	tgccccttac	gtactthgat	agaactaagg	aaatagtggt	thtgagtga	1920
gggaaaggaa	accagaaac	atthttacgt	gctthttact	ctgtagtgt	gattgccccg	1980
gccctctct	gagccctgta	gcactctgtg	tagcttctgt	cccttcacgc	gttcagtgtc	2040
cagggattht	ctthcccagg	aagcggacac	ggagagtcag	ccctaataaa	tgagcacatg	2100
ccctggctgt	aaaaaaaaa					2120

<210> 7952

<211> 1350

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (411)...(900)

<223> similar to gil054752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7952

gcgattgctg	gggctgcagc	gctgcctccg	agaccgcgag	gtgggtggag	cgggtcttcc	60
tggaagggtg	cgataaggcc	gggcgaggtg	cctgggatgc	ttctcccctt	ccgcgaggaa	120

gagatcta	at	tgggtagggc	gggtgtagac	tagcctgccg	agccgcccgc	tggcacctgc	180
agcctcct	gg	gcgcccgcgc	ggccccggcg	agaaaagttgt	taaagggagc	gaggtgggtg	240
ttcctgggg	gt	ccgaggcgcg	cctctcacgc	cctgcccac	agaagccgca	gtcccgtggg	300
gtctggag	ac	gcagtttct	gttaatgaca	ataaatccct	gctccccctg	cctcagacat	360
ctacgcag	cg	aaatcgagcc	tggccttgag	ggtccacacc	gcgagggaag	atgcgtgcgc	420
ccattccag	a	gcctaagcct	ggagacctga	ttgagatttt	tcgccctttc	tacagacact	480
gggccatct	a	tgttggcgat	ggatatgtgg	ttcatctggc	ccctccaagt	gaggtcgag	540
gagctgg	tg	agccagtg	atgtccgccc	tgactgacaa	ggccatcgtg	aagaaggaat	600
tgctgtat	ga	tgtggccggg	agtgacaagt	accagggtcaa	caacaaacat	gatgacaagt	660
actcgccg	ct	gccctgcagc	aaaatcatcc	agcgggcgga	ggagctgg	gggcaggagg	720
tgctctaca	a	gctgaccagt	gagaactgcg	agcactttgt	gaatgagctg	cgctatggag	780
tcgcccgc	ag	tgaccagg	gc	agagatgtca	tcatcgctgc	aagcgttgca	840
tggcagcc	at	gagccttatt	ggagtcatt	tctcaagaaa	caagcgacaa	aagcaataac	900
tgaaaaag	ac	tgctctgtca	gcgatgactt	tatacatcaa	gggggtcttg	ttttgctaga	960
gagtttggg	g	tttggtttgt	ggatttcatt	gtgatttata	ataaggctta	ttttcacaga	1020
ataaaaata	aaa	gcaaaacgag	ggaggatttt	attgggggaa	gtgcagcaag	aactgcctgg	1080
tgtgaagt	ct	gttcagggaa	cagccgggct	gtcttcctgg	tcagggtattg	tctttcactt	1140
tctttttgc	g	tgctgtgttc	tttgcattgc	aggaggcaga	gtccagctcc	agttatctca	1200
agtagagg	gc	gtttctgg	gtcaggatac	atgcggggcg	gaaggagac	agaaagacat	1260
aatacaca	aag	aacagaaagc	agcagacagc	caggaccctt	ggcccgaac	tagatctagg	1320
atggcctct	g	agactcagca	gctggagtct				1350

<210> 7953

<211> 1049

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (110)...(748)

<223> similar to gi897693 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7953

cgctggggca	gccggggcag	ccggggcagc	ccggtcaccc	cgcccccagg	cccacactaa	60
gggtgtccgc	ggcctgccct	ccaggcggag	gagcccggac	tgcggaagga	tggagctggc	120
cgccggaagc	ttctcggagg	agcagttctg	ggaggcctgc	gccgagctcc	agcagcccgc	180
tctggccggg	gccgactggc	agctcctagt	ggagacctcg	ggcatcagca	tctaccggct	240
gctggacaag	aagactggac	tttatgagta	taaagtcttt	ggtgttctgg	aggactgctc	300
accaactcta	ctggcagaca	tctatatgga	ctcagattac	agaaaacaat	gggaccagta	360
tgtaaagaa	ctctatgaac	aagaatgcaa	cggagagact	gtggtctact	gggaagtga	420
gtaccctttt	cccatgtcca	acagagacta	tgtctacctt	cggcagcggc	gagacctgga	480
catggaaggg	aggaagatcc	atgtgatcct	ggcccggagc	acctccatgc	ctcagcttgg	540
cgagaggtct	ggggtgatcc	gggtgaagca	atacaagcag	agcctggcga	tcgagagtga	600
cggcaagaag	gggagcaaag	ttttcatgta	ttacttcgat	aaccgggtg	gccaaattcc	660
gtcctggctc	attaactggg	ccgccaagaa	tggagttcct	aacttcttga	aagacatggc	720
aagagcctgt	cagaactacc	tcaagaaaac	ctaagaaaga	gaactgggaa	cattgcatcc	780
atgggttgat	gtctctggaa	gtgcaaccac	ccaatgtctc	tggaagtgcc	acctggaagt	840
gccacctgga	agtgtctctg	gaagagcacc	caccactgtt	cagccttccc	ctgctgtttc	900
tgtcttcaga	ggcctacaca	ctaccacatc	cttttctaagc	atgtttgcct	gacatccagc	960

tcactcgtct	gcttcctttc	tcgctccccc	catcctgggg	ctgggctggc	cttcttctac	1020
agttcaatat	ggggcagact	aaggaaacg				1049

<210> 7954

<211> 2536

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (115)...(1652)

<223> similar to gi3088575 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7954

cgttgcccaa	cccgttcccc	gccccagac	acgccgggct	ctcggggcac	cacagccatg	60
tgctcgtag	cgtcaggcgc	taccggcggc	cggggcgctg	tggagaatga	ggaggacctg	120
ccagaactgt	cggacagcgg	ggacgaggcc	gcctgggagg	atgaggacga	tcagatctc	180
ccccacggca	agcagcagac	cccctgcctg	ttctgtaaca	ggttattcac	atctgctgaa	240
gaaacatttt	cacactgtaa	gtctgagcat	cagtttaata	ttgacagcat	ggttcataaa	300
catggacttg	aattttatgg	atacataaag	ctaataaatt	ttattagact	taagaatcct	360
acagttgagt	acatgaattc	catatacaac	ccagtgcctt	gggagaaaga	agagtatttg	420
aagccagtat	tagaagatga	ccttttactt	caatttgatg	tagaagatct	ttatgaaccg	480
gtgtcagtac	ccttctcata	ccccaatgga	ctcagtgaag	atacatctgt	tggtgaaaaa	540
ttgaaacata	tggaagccag	ggcactgtct	gctgaagccg	cattggccag	agcacgtgag	600
gatctgcaaa	aaatgaaaca	atgtgtctag	gattttgtga	tgcacacaga	tgtcagaacc	660
tgctcgatcat	ctactagtgt	cattgcggac	ctccaggagg	atgaggatgg	tgtttatttc	720
agctcatacg	ggcattatgg	gatacatgaa	gaaatgctaa	aggacaaaat	acgaacagaa	780
agctaccgag	atttcatata	ccaaaatcca	catatcttca	aagacaaggt	agttttggat	840
ggtgggtgtg	gaactggaat	tctctctatg	tttgctgcta	aagctggggc	gaagaagggt	900
cttggaattg	atcaatctga	aatactttac	caggcaatgg	atattataag	actaaataaa	960
cttgaagata	ctattacact	aattaaagga	aagattgaag	aagttcatct	tcctgtagaa	1020
aaagtagatg	ttatcatatc	tgagtggatg	ggctattttc	ttctgtttga	gtctatgtta	1080
gattctgtcc	tttatgcaaa	gaacaaatac	ttggcaaaag	gaggctcggt	ctaccctgac	1140
atgtgcacta	tcagccttgt	agcagtgaag	gatgtgaata	aacatgctga	tagaattgct	1200
ttttgggatg	atgtctatgg	cttcaagatg	tcctgcatga	agaaagcagt	tattccagaa	1260
gctgttggtg	aagtttttaga	tccgaagact	cttattttcag	aaccttggtg	tattaagcat	1320
atagattgcc	atacagcgtc	tatctcagat	ttggaatttt	catcagattt	taccctgaaa	1380
atcacaagga	catccatgtg	cacggcaatt	gctggctact	ttgatataata	ttttgagaag	1440
aattgccaca	acagggctcg	gttctctacg	ggccctcaga	gcaccaaacc	acactggaaa	1500
caaacagtat	ttctactgga	aaaaccattt	tcagttaaag	cagggtgaagc	cttgaaagga	1560
aaggtcacag	ttcacaagaa	taagaaagat	ccacgtttct	tcaccgtgac	cctcacgttg	1620
aataattcaa	ctcaaactta	tggtctccag	tgaaacagcc	ataaaagcac	actaccttgt	1680
agtttttaat	gtgggggtag	agtgggtcag	caggagggag	ctgggtttat	gtgagcagat	1740
ggatggatga	tggaaccttt	cctaattgagc	ctcctcaata	agagagaagt	tctcattgtg	1800
ggaatctgac	atagttcagc	tgaggaagag	aatcagctga	tcctcatggt	ctgccacgta	1860
atcattttct	tagacgtttg	ctccaccaga	tttaaccaa	tgtaactccc	acattgagtt	1920
tatctatatt	gaaaatcatt	tacattggcc	tatatttgga	agagagatag	tcttttggtt	1980
ttaataagtt	tcttactata	aatttttaa	aaattgggtta	gttatttgga	tattttatta	2040
aactagtaac	acaggtacta	cacattttat	tatggactcc	tctgaggagg	gagtttttaa	2100

ttgtatttgc	tagaaaaatca	ggatgtaata	aagatttcta	taaaaaaaact	aaaatatgga	2160
aaagagcttc	agccttcata	tacaaatcat	atatgcagac	agcctagtgt	attatctagc	2220
atacttaggg	ttctcatttt	gtagtctctt	ccctctttgt	gactattcct	tagccttata	2280
gatttctagt	actgcccagg	aaatctaatt	tcaatacatt	tatcctaggt	ttcatgaaag	2340
tttttaaaga	ttgggataaa	tatgtactta	tttactaacg	tattatcttt	ttcaaaccag	2400
atztatgtgc	aaagggttaa	catgttaact	gttactaagc	agtctataaa	gttgctcatt	2460
acaattactg	attcaatttg	aaatgtagaa	taaaatttta	ataaaatgta	tccttataaa	2520
atatttttaa	aatatt					2536

<210> 7955

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (123)...(779)

<223> similar to gi2338290 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7955						
gtcgacgatt	tcgtcagaaa	taggagcgcg	caggcgcgac	gtgcggctcg	cagaacggcg	60
agtagcggag	cgggacccgc	tggaatcatc	atccaggac	gtgccagaaa	ccacaagaaa	120
acatggggag	ggttttcctc	acgggagaaa	aagccaattc	catattaaaa	cgctacccaa	180
gagctaattg	gttttttgaa	gaaataagac	agggcaacat	tgagcgtgag	tgcaaagaag	240
aattctgtac	atttgaagaa	gcaagagaag	cttttgaaaa	taatgaaaaa	actaaggagt	300
tttggagcac	ctacacaaaa	gcgcaacaag	gggagagtaa	ccgaggaagt	gactgggttc	360
agttttacct	tacctttccg	ttaatctttg	gcctcttcat	tatcctcctt	gtcattttcc	420
taatctggag	atgcttctta	agaaacaaaa	ctcgtagaca	gacagtgact	gaaggccaca	480
ttcctttccc	tcagcacctt	aatattatca	ccccaccccc	cccaccagat	gaagtgtttg	540
acagcagtgg	attgtctcca	ggctttctgg	gatatgtagt	tgggcgctca	gattccgtct	600
ctactcgctt	gtccaattgt	gatccccgcg	caacctatga	ggaagccact	ggccaagtga	660
acctgcagag	gagtgaaaca	gaacctcatt	tagaccacc	cccagagtat	gaggacatag	720
tcaactccaa	ctcagccagt	gccattccta	tggtgcctgt	ggtcaccacc	atcaaa	776

<210> 7956

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (432)...(677)

<223> similar to gi1946692 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7956
tttcgtggga gagggccccc actcacggag cgcgcggccc gtgcgcccac gtcctgaccg      60
cattcctcag tacgtggcac ccttggaag tgccgtgtctg gtcaatcgaa gagtcctcgt      120
ttcgacccaaa aaaattcccc tcagaaatat gcatggcacg gcaatgaagg catttcacta      180
tgaagtggaa tgatgattgt ccgaccaggt caggacgaac atatgagggg ttagatctaa      240
gcaggcacta ttaaagacag tcgcatccgg gccctcctgc cgcaagctgc cctcccagcc      300
aagggtcctt caggtaggag gtccctgggtg acttttgaag tccgtagtgt ctcatcgag      360
ataattttta gcttagggcc tgggtggctag gtcggttctc tcctttccag tcggagacct      420
ctgccgcaaa catgctccgc cagatcatcg gtcaggccaa gaagcatccg agcttgatcc      480
ccctctttgt atttattgga actggagcta ctggagcaac actgtatctc ttgctgtctg      540
cattgttcaa tccagatgtt tgttgggaca gaaataaccc agagccctgg aacaaactgg      600
gtcccaatga tcaatacaag ttctactcag tgaatgtgga ttacagcaag ctgaagaagg      660
aacgtccaga tttctaaatg aaatgtttca ctataacgct gctttagaat gaaggctctc      720
cagaagccac atccgcacaa ttttccactt aaccaggaaa tatttctcct ctaaagcat      780
gaaatcatgt tggagatctc tattgtaatc tctattggag attacaatga ttaaatcaat      840
aaataactga aacttgaaaa aaaaaa

```

<210> 7957

<211> 1552

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1309)...(1080)

<223> similar to gi4914409 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7957
gtccataaac ctcagagtta gggaaagttg agtgtgaccc acaatgccag ctacctagaa      60
actaaggtag atctaggtag tgggattaaa gatatacataa aatcattaaa atgttttctg      120
aaatgtttga agttaactca ttttatttct aggatttggg tttcaacatt ttaatttctt      180
tggaatataa gtcacttttt gcaagctaaa aaatagaatc aaactaaggt gatctagtcc      240
tctaggcatc caggctgac cttggaatca tgagcagaat gatgacatac tacaagggtgc      300
tagcaatacg gctataaact ctaaataata accactacat gtttcattag gaaacagcca      360
aaagtccggc cgttaaagga ataactctgca gaacatcttg atttacaagg gacaaaatga      420
tgcaaatat atgctgtcca acctactggt gaactggatc agaatggtcc aaggactgtt      480
aaacagagga agtatttaca ttttgaaaac ttgctctgca ggataaaaaa attcctgggt      540
gctgtcagta agaaagcaag taaaaaaaaat attacagatg aactcactga tctttgattt      600
tactaaggtc ttccactgga acatgaaggt agggataagt gtacaggata atatactcag      660
atatttttaa aataaactac ttaataataa gaaattagcc ataccacatt gttccatttg      720
ctacaagaac aaattggcaa tgaagactat ttaaaagaaa tgctcagctc tacagagggt      780
ggtggcaggc aacacttttc cattacagaa taacctctat tcttccatga tacatattcc      840
tgtggaaaaa cttgtcaggg cccagggatg aaaaaatagag cttgtcctaa ttagctaact      900
gtaggttcac ttaacatctt tgggaaggac ccaaaaaatc tggccattat tttcttaaac      960
atctgcaagc tgcagaattc cttagtcttc agctatagtt tctgctagat atcttaaagc     1020
tgggacagtt ccactgtgac tcctcctcag ctatgggggtg ggtgctagtc atcaaagctc     1080

```

ggaatgtcat	cataggagta	accacggtag	cctttggatg	catagtaagc	gatgcgcagg	1140
tggtaaaatc	cgggtaggaa	caccagaatg	ccaatgatca	gcactggaac	ggcccgggtct	1200
gccccccctt	tgctgatgta	gcctgacagc	aggagggagc	ctataataat	gagaaaggcg	1260
ccaatcaaaa	acagcacagt	ggcaagtgcg	atggccttat	aagggatctt	aggagggggt	1320
ttcttaaact	gaaggtcaat	gtagccatcg	tctgtgctgg	agagccttga	atatttcact	1380
ttactactgg	ggattccagt	agccagggtg	gtacgggacg	gcatacatac	acgctgacac	1440
agcggagcgc	cgcgccaggc	cgcccgaca	cccagagctc	gcccacgggt	ggcagcgccc	1500
aaggttgcac	ggcatggccc	gcttaagtgc	cactcagccg	gccccaggcg	gg	1552

<210> 7958

<211> 1131

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (227)...(416)

<223> similar to gi4884128 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7958

ccgggtcgac	gatttcgtgg	aactgcggcg	accatgtatt	tctggtttat	caaaccgcta	60
acaccagtc	taagggcagg	ttctgtccca	ttgttatcac	tatcgaagca	gccgatggag	120
gaggggaggt	ctgagcagag	ggcgggggtg	aggcgtaatg	gccctcgtgc	cctatgagga	180
gaccacggaa	tttgggttgc	agaaattcca	caagcctctt	gcaacttttt	cctttgcaaa	240
ccacacgac	cagatccggc	aggactggag	acacctggga	gtcgcagcgg	tggtttggga	300
tgcggccatc	gttctttcca	catacctgga	gatgggagct	gtggagctca	ggggccgctc	360
tgccgtggag	ctgggtgctg	gcacggggct	ggtgggcata	gtggctgccc	tgctggcatg	420
ccgaattcgc	tatgaacggg	ataacaactt	cttagcaatg	ctggagaggc	aatttattgt	480
gagaaagggt	cactacgac	ctgaaaaaga	tgtacatatt	tacgaagcac	agaagagaaa	540
ccagaaggag	gacttataat	tggctataat	ttataagaat	gttgtcattg	agtgtgtcac	600
ttaaggtctt	agactgcaaa	tctaaccata	tttaatgaaa	tgtcttactg	tacaaaaagt	660
ctaagccaaa	ggttctcagg	ggagaaagca	catgtgcagt	tttaaaacaa	agcagtgcct	720
tgtcccattg	ctgtgatttt	tagtcagact	ttactcagtc	tgaaatgcaa	ttaacattaa	780
aggattaagt	gtgagatttc	gatttatgct	atttgtgtat	cccatactcc	tcccttttaa	840
ttaacagttt	ccactgatga	tatgaagggc	cgggtataaag	aagtctttta	atgagtaagc	900
tttcttggtg	agattaaatc	ttacaaatta	tttttaaaac	cttgtgatat	atacaatggt	960
tagctgagtt	ttctaatttt	ctggatgtaa	aacaaaaggt	ttaacctata	cattccttga	1020
gctgttagtg	ctattttaat	cttttgccct	gtttaggtcc	ttaacacttt	tagttgagta	1080
ggatatgagc	ttttttgggt	ctcatatcat	gctttttgcc	ttaatttcag	g	1131

<210> 7959

<211> 3307

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (743)...(3120)
<223> similar to gi4886439 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7959
aaaggaaggg agggagggag aaaggagaag ttggtttaga ggccagccgg acgagctttg      60
ggcaccgccc ttaggagggc caccctcaga gtctgacagc aggtgaaggt cctaaatctc      120
cccaaactaa ctggtgtctt ttctcctctt ccaagatgct cttcccaggg gagatgctag      180
ccctttgggt ccttacctcc tgccctcagg agccccggag agaggcagtc ctggcaaaga      240
gcacctgtaa gagagagtgg taacagcgcc ccccagttcc tcacagtcgg cggaagtgct      300
gggcgagctg gtgctggatg ggaccgcacc ctctgcacat cagcagatcc cagccctgtc      360
accgctgctt ccagaggagg cccgccccaa gcacgccttg cccccaaga agaaactgcc      420
ttcgctcaag caggtgaact ctgccaggaa gcagctgagg cccaaggcca cctccgcagc      480
cactgtccaa agggcagggg cccagccagc gtcccagggc ctagatctcc tctcctcctc      540
cacggagaag cctggcccac cgggggaccc ggaccccatc gtggcctccg aggaggcatc      600
agaagtgcct ctttggctgg accgaaagga gactgcggtc cttacaacac ccgcaccctc      660
gcaaactctc cccttcactt cgcagcccta tgtggcccac aactcccccc agaggccaga      720
accgggggag cctgggcctg acatggccca ggaggcccc caggaggaca ccagccccat      780
ggcctgatg gacaaaggtg agaatgagct gactgggtca gcctcagagg agagccagga      840
gaccactacc tccaccatta tcaccaccac ggtcatcacc accgagcagg caccagctct      900
ctgcagtgtg agcttctcca atcctgaggg gtacattgac tccagcgact acccactgct      960
gcccctcaac aactttctgg agtgcacata caacgtgaca gtctacactg gctatggggg      1020
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<210> 7960

<211> 2637

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (273)...(1038)

<223> similar to gi4490902 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7960

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<210> 7961

<211> 1874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (702)...(1877)

<223> similar to gi5911890 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7961

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gcccggctaa	tttttgtatt	tttagtagag	acggggggtt	cactatgttg	gccaggatgc	180
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<210> 7962

<211> 2093

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (133)...(1839)

<223> similar to gi5532487 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7962

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gagattttgg	aagtatactc	cacaaaagcc	aagaattatg	taaatggaca	ttgcaccaag	240
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<210> 7963

<211> 1709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (85)...(327)

<223> similar to gi2584789 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7963

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<210> 7964

<211> 2244

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (338)...(1997)

<223> similar to gi3288852 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7964

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agaattagaa	aaaaaggcac	aaaaggataa	gcagtgtgaa	caagctgtgt	accagacaat	900
attggaagag	gatgttgaag	atcctgtgta	ccagtacatt	gtgtttgagg	ctggacacga	960
gccaatccgt	gatcccga	cggaagaaaa	catttatcag	gttcccacca	gccaaaagaa	1020
ggaaggtggt	tatgatgtgc	caaaaagtca	acctgtaagt	gctgtgaccc	aattagaact	1080
ttttggggag	atgtccacac	cccctgat	aacctctccc	cccactcctg	caactccagg	1140
tgatgccttt	atcccatctt	catctcagac	ccttccagcg	agtgcagatg	tgtttagttc	1200
tgtacctttc	ggcactgctg	ctgtaccctc	aggttacgtt	gcaatgggcg	ctgtcctccc	1260
gtccttctgg	ggtcagcagc	ccctcgtcca	acagcagatg	gtcatgggtg	cccagccacc	1320
agtcgctcag	gtgatgccgg	gggtcagcc	catcgcatgg	ggccagccgg	gtctctttcc	1380
tgccactcag	cagccctggc	caactgtggc	cgggcagttt	ccgccagccg	ccttcatgcc	1440
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caccgtccca	ggcacgagtg	actccaccag	gtcaagtcca	cagaccgaca	agcccaggca	1560
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tttgaccctt	gtgacttcta	ccacaccatc	gaccaactca	cctccaaccc	cagcccctag	1800
acagagctct	ccatccaaat	catcagcatc	ccatgccagt	gatcctacca	cagatgacat	1860
ctttgaagag	ggctttgaaa	gtcccagcaa	aagcgaagag	caagaagctc	ctgatggatc	1920
acaggcctca	tccaacagtg	atccatttgg	tgagcccagt	ggggagccca	gtggtgataa	1980
tataagtccg	cagggccggg	agctaagatt	agcgcaggtc	tgggagccag	agcctctgta	2040
cgcgcatgc	aacagaccta	agaaatagca	tcgatgcgag	ctcgtgggtg	gtgctcaaga	2100
ctggcatgga	catcagcatc	acgacaggct	ctcttgtatt	ctttcacctc	ttcccacaag	2160

```

aaattcatga ttgcccaatg gaactcgctc agaagaggga actaagcatt tttggcaacc 2220
aatggcagaa ataaatggca gcac 2244

```

```

<210> 7965
<211> 847
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (699)...(398)
<223> similar to gi929657 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7965
tttttttttc tgggcttggg gcatttattc aggtttgaga gctgaggagg gcagagctcg 60
cacagctgtg aggcagggct gggccggaca ggagctgctt catccttcaa cagacgctgg 120
cctgggggtga ccagcctcgc cctcccacaa gaagagtcag gccttggggg ccgcggctgt 180
ctgagtggtc aggcctggggc tgccaccagc ggcaggctgc tgaggccag ggcacctcca 240
gtcacatctg ggaagacaat gttgtcatcc gagaggccct gagctctgcc caggcagatg 300
aactggtcca gcgtcccggg aggcagcaac cagctcctgc ccagcaggct gatcctgagg 360
acggccagcc tgctcgtgtg tccacaccgc gtggtccaca gtgaactgcc caggctgggc 420
tgccggtatc agcacataag accatgtgtc acagtgtgtg cctcgagtca tcgcattcca 480
cacctcaaag cggccatcat cacttagctc aaaagtgtcg gtgaaagcgt tcagcagcgc 540
cctgtgtctc ggcctgaagc tgttgcccgc caggcccagg acgaaccatt cccctgggaa 600
ctggtttcct tggaagctct gcacggggg cgggagtggt aggggggttg ggggtctgggc 660
ctgcaggact ttcagcaagg agagccacag ccacaggcca cacagcagcc tcacctgggc 720
agcctccact gctcttctc cggtcccggg aaactcccgc cctgtcctct gctcaccctc 780
ccctctctct tcccactctc cgggcaaaga ccttttccca gacacggtcc tgggcgctgg 840
gacgaaa 847

```

```

<210> 7966
<211> 1296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (271)...(940)
<223> similar to gi1063626 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7966

```

tgaggggtac	ggagactctg	ggggagggag	acggcagcgg	catggcggcc	gggtgtaaga	60
cgcccgaccc	tcctcttccc	tgtcttcgcc	gccgcgctg	ctggagtcac	tgggacctc	120
tagtctgcgt	gtgttagttg	taatcccgcc	gccctcctgt	cagccctccg	ctccgccggc	180
cctccttcct	tcgcgcgcg	cagccagccc	gagggtcggc	cggctgtgta	acactctccc	240
acccccacca	ccagcccgcg	ggccagcacc	atggaggacg	tgaagctgga	gttcccttcc	300
cttccacagt	gcaaggaaga	cgccgaggag	tggacctacc	ctatgagacg	agagatgcag	360
gaaattttac	ctggattggt	cttaggcccc	tattcatctg	ctatgaaaag	caagctacct	420
gtactacaga	aacatggaat	aacccatata	atatgcatac	gacaaaatat	tgaagcaaac	480
tttattaaac	caaactttca	gcagttattt	agatatttag	tcctggatat	tgcagataat	540
ccagttgaaa	atataatacg	ttttttccct	atgactaagg	aattttattga	tgggagctta	600
caaatgggag	gaaaagttct	tgtgcatgga	aatgcaggga	tctccagaag	tgcagccttt	660
gttattgcat	acattatgga	aacatttgga	atgaagtaca	gagatgcttt	tgcttatgtt	720
caagaaagaa	gattttgtat	taatccta	gctggatttg	tccatcaact	tcaggaatat	780
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gattttggaa	ccatgcaagt	ggcgactgca	cagaatggct	gacttgaaga	gcaacatcat	960
agagtgtgaa	tttctatttg	ggaaggagaa	aatacaagag	aaaattataa	tgtaaaatgg	1020
taaaaacata	agtagttttt	ttttcaatta	catgttgctt	ccagacatac	ttctctgcaa	1080
cttggtgagc	aacattttta	gatgttgagc	ttctgcaata	gatgacactg	atgggtttac	1140
tccttttttt	aaaaacacat	gcgcgcgcac	acacacatgc	tttacaagtt	ttattataaa	1200
ccaagaattt	tggacttgca	aagagggtatt	attgcaataa	tgcacttttc	atacttgaaa	1260
tttatttgta	tgatataaag	ttattacttt	aaacaa			1296

<210> 7967

<211> 3307

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3191)...(2506)

<223> similar to gi607130 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7967

aggaggacaa	acagtttaat	ccagaccaag	aaacaagcaa	actttaattt	ccgagtacac	60
aattatgaaa	ctatgccagt	agcgacctgc	atgtttgtct	catctcttta	gccacttaag	120
ttctcaaaac	actgccaaag	ctttccttct	ctattaaact	cccttaagca	ttactcatac	180
tattattcaa	gtttaagatg	tggcaaatct	ccccaaagtgt	atatggctgg	ttctcttctt	240
ataaatgaat	ccataagaca	gtgtccccta	attcatctct	atcttctcta	acctgcttga	300
ttttctaaaa	ttggaaaaaa	gtaattccgg	tatactaaaa	ccagagccca	ggtttctcaa	360
catcttcagt	taaatgactt	ttaattcccc	aatcaaggta	taacacacaa	atgttatctg	420
cgctttacag	tatagaactc	tgagtggctg	gtgtcttttg	gttagtgtaa	ccattacaca	480
gcagtatctg	cttgtcacc	cggtcttctt	tagcctcaaa	aaatattcag	aatttgttat	540
gcacatggga	gatttcttac	agcagcacac	tcacttacaa	aaagaccaa	aaaattttat	600
tgctttacaa	caagccagca	acaaacacaa	ctgaatagtt	ataaacatga	cacttctaaa	660
tcctcaaagt	gaattccaag	accagagtgt	gcttctccac	tttaatatga	tttgtaaaaa	720
ctgaaatcca	caacttctgg	caagtacttc	aatattctca	agcagaatca	atacttaaag	780
aggttaaaag	aaaaaactat	tatcaaactg	attgtctgtg	ggatgatcta	atttaaaagc	840
ctttcatgct	tgatcctggc	agtgtctatta	ctgcacattt	taagtgacca	tcatgggcac	900

ttttaagaac	ctaacttcac	aaaaagagct	gtcacaagaa	aattgttcta	aaatcccaat	960
gcacagtaac	tcatgcctca	tttcaactgc	tttcctcatg	atgaaaaaat	gtagtcagcc	1020
tttaacttgg	cctgataaaa	gctgtgaaag	gtatgccaaa	tggccccttg	tacaaacagg	1080
aagcccaaat	tgttgatcag	gcaagaaaag	gtgacacttt	tagatacttc	atattattct	1140
ggaaagcact	ttcctttcag	tgggtgcaaa	ataactacgg	attaagtcac	catttttaac	1200
atctcaattc	aatagcaaga	gtttcctggc	acatactctt	agtactacct	gaaaattggg	1260
gcgtgtgggg	aagaccacca	acagtattta	catgacttgc	cccaaactgt	acatttaaaa	1320
catgactggt	gggatatgca	ccaacaacct	gaaattttct	actctaaaac	acattaccaa	1380
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cctcccagtg	tgctgggatt	acaggtgtga	gccaccacgc	ccggcctgac	ttatttataa	1560
ttcactattt	tatctttctt	ccagacaaag	caaagcattt	ttctctaaca	acataatagt	1620
caggattttg	cttattaact	tacgtgggtg	gctttatact	cccagaacaa	atgatctagc	1680
tgactactag	gaaaaagggt	tcatagttta	ggaatatatc	acatcacgtg	ttagttccaa	1740
atgtacatga	agacaatttt	taattgctgc	aatagcagaa	tattaaggca	acatcagaaa	1800
gcagagggtg	tttaaaacac	taagccctac	tccctgcctg	gtggaaaaca	aaatgatgtt	1860
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aatcttttac	agtttgatgg	cagtgaagaa	gaacctgcgg	ctataattcc	cttggaacaa	1980
gaattcaaca	tctgatttac	tcacaatgcc	ttaaaataag	gaagggaaaa	tataaaataa	2040
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tgccctgggt	gtggatggct	aactcgcata	tagaaaatat	caagcatcac	atctggaaga	2160
atcacaaccg	agacaatgaa	cttctcaatc	agtacatcaa	cagtcaagg	aagcaagaaa	2220
aggactttac	caagaaacta	acatttacac	ttctgacgg	aactgaaata	caactgaatta	2280
caggcatatt	cactgaaaca	acaaaaaaa	ttctgtccat	gtaaaggcta	tattttttac	2340
ccccaaaaaa	gtgtttcaat	tctgatactc	acaccacaac	tggttaagaa	aataaagcgc	2400
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ggcaaccgct	gaggtcagca	aggccaggag	caaggagagc	ctcctatttt	tcaacacaag	2520
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caagaatttc	tgtaactgct	tctcgagtca	ctagtgtttc	tgtttccaaa	tacacaacaa	2880
atgctgccaa	gaagaccaag	cgctgcaaca	caaacctcca	gtgctcatga	aatctgtaat	2940
actgttcagc	aggaaatttg	gtcttcaaa	atgttagatg	tgttttttact	gtacccaaaat	3000
gttctcgagc	tttcaaacac	ctctttggaa	tgtcctgaaa	cccagcacc	tgatggaccc	3060
cttgacgtag	agttaaaatc	tctcgagctg	tttgttctaa	actctgtaca	actttttctga	3120
tttcctctcg	gatgtcctgc	tcggcagcca	aaaagccctg	cagctccacg	aagatctcgc	3180
tcacagacat	ggcgccggct	gcacaacaat	cagccagtg	agcaaggggc	gccaagggaag	3240
tggacgccgc	aggcaaccag	cgcaatcaat	cgcaacggcc	gccgctaccg	ccgcgtcccc	3300
cccccca						3307

<210> 7968

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (30)...(283)

<223> similar to gi5107163 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7968
ggcacgaggt ggcgagcctg acgcgaacaa tggcggagct gggcgaagcc gatgaagcgg      60
agttgcagcg cctggtggcc gccgagcagc agaaggcgca gtttactgca caggtgcatc      120
acttcatgga gttatgttgg gataaatgtg tggagaagcc agggaatcgc ctagactctc      180
gcactgaaaa ttgtctctcc agctgtgtag accgcttcat tgacaccact cttgccatca      240
ccagtcggtt tgcccagatt gtacagaaaag gagggcagta ggccatcccc caggagaatg      300
acagaagcaa aggacttggt actaagcaga tttaagggtc agtgggggaa ggctatcaac      360
ccattgtcag atcagcatca ggctgttatc aagtctgttg gtgctaaaaa gtaaaagatg      420
aaatgttcaa agagtgaat ttattttattt ggaattcaga aattccaggt tgtatgacat      480
cagttactca ataagtgtga attctccaac tcttctttta atcccatttt agaatttaat      540
atagagatct ctgattggca ggaacactag aaataaatgt tccatggcca gtagtgcaaa      600
tgggggattg taggttttga aaaaccaccc taagccatat taaggggggtt ggaagaacca      660
tcgaagccta aggcatagaa gaaaatttgg ggtaagaaa gatgaagaac aaaaaacagc      720
tttattgctt atacatgacc aagaaaagga aaacatggca aaaaaaaaaa      769

```

<210> 7969

<211> 2861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2694)...(784)

<223> similar to gi3758819 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7969
tttttttttt ttgatcttct tcaacttggg tttatgtcca tgattcgtgc aaatagctat      60
ccagggatgg acagccaccc taatctgggc ttctggcacc acaggcctcc agctatgggg      120
tccaggggtct gaacctcagg gcctggcagc ttcaggctgg cgccctcgg cgagcgtggc      180
tggcgatggcc ttctcccatc tgtgatggct tcagcaaggc tactgtgagt ggtggtggag      240
agggcccccag agccagaata tccatcattc tcttctgttc tggagacaaa cccacacttc      300
ccacagctcc tcacagaggg gttaggggtgt gcgtggggca aggtccctgc tacagagctt      360
gaaagcaaaa attaaacaca cacaacaaat tggctcatggc aactagaggg cctgaaacca      420
cttccggggag gttttgaagg aaggggggtct tggctgcctc ccactcttag gattgctgct      480
cctggagggt tctgcaacgg atggtgggtc aaagccggat gaggcctctc tccactcagc      540
agcaggggaag gagtttttcc cagtcactcc cagcagagta caaatgaaag ctttctgggt      600
ggagcctccc cagtcctgta aacagctcag ttcagggact ggtatacaag ctggccaccc      660
atctcagcct ctcatccagc tgaggctctg gccacaccgt gcaagtggct tctagtttct      720
tggcaatctg agatcagctg gctctgcaag atgaagggtg agccaaatga cacaatctgg      780
tctcactgag gcccctcacg gtcatttttt ggagactctg gttctgtagg cctggctgtg      840
ggaggggtcca tcaactggga gctctgattt ggatttcgaa cccctccaca gggtagacgc      900
caggtgtatt ccggcagatg gaagaggcgc gagttgggga gtgggggagg gtgctccatg      960
gccatggggg gaggggggta gcgatctgg gaccagtcct cgaagccatg gtgtggcacc      1020
atggctggca tgggcgggta ggcgtagggg taggccccgc agagatgttc tgggtggggc      1080
tccacatggt aacgctctcc tgaggccttt gcttctctct tctgctgtct gagggcttct      1140
cttgcttctc cctcatcttt gaatgctttt agctgggcat ttgacagggt gacctggggc      1200

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tgcagcttct	ccacttgctt	cttcagctct	tccttctcct	cattcatgcg	ctcacgatca	1260
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tgcgtagacca	gctcctgttt	ccttaggagg	gccccgtgct	cttctgggct	cccaaagtct	1380
gttggtggag	atgatggcgg	ggtttggatg	ctcagtgtct	cctccagggc	cttggtgagc	1440
cgctggatct	ccttttcctg	gtactcacgc	tgtcgggtga	gtgggctcag	ctgatcctgc	1500
aggtagttga	ccttttgccg	cagctccttg	gcctctgctg	tcagctgctc	cttgctgggtc	1560
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tgtcccgcct	cggcctccag	gtcagtcacc	tgcttctgca	aatcagccag	cttctgacgc	1680
agctcagtga	tcttctgctc	atactgctgc	ttcatggacc	ggaaatgctg	gtcccactgc	1740
ttgttcactt	ccagcagctc	actgcgctgc	tgtctcagca	tcttcacctt	cttctcggtc	1800
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atcaggttgc	cgctctcacg	gggcaggggg	cccagcgcca	tcgcattggc	atggctgctg	2280
ctctctgggt	aattctgctc	ctcaggagtg	accacttcaa	attcagagga	ggtgccactg	2340
gatggaggct	tctggactgg	tgttggttgc	tcactggggc	atgcaggggc	tgtgggagat	2400
gctgtgacat	ttgagtcctt	tcctgtgagc	tcagccaggg	ggtcgaagga	gcccaggag	2460
ggagaagggt	gtgggagcag	ctcggtgtcc	ttcactagct	cctctgcctt	ctgccggagc	2520
ctggctgctt	ccatctggga	ctcttccaaa	agctccccta	acatctttat	cccttgcat	2580
ttttccttca	gccgggaatt	ctccttcaat	aggcgtcaa	aagctgcgga	tgcctctcct	2640
gagggcacgc	tgccccaggg	gtcgtagatc	cggtagcgtc	ctctcccttc	catgagggtg	2700
gctcagcccc	tgccgtgggt	cccgcctggc	cgaggacggg	gagcttgggg	acacagcgcc	2760
ccgcttgctg	cgtccagccc	cgaatccagg	gacggggcag	cggcccgggc	aaggctccgg	2820
ccccccgtag	cactcctagg	gctcctggac	gggggacgaa	a		2861

<210> 7970

<211> 2426

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (181)...(1125)

<223> similar to gi471976 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7970

ctgcggacgt	cggcacgaga	gaacgaggaa	gtagggagcg	gggtggcagg	ggggggaccc	60
gccgcggctg	ctgccaccgc	cgccaccacc	gcctctgctc	gtggcggtggg	aaaggagggtg	120
tgagtcgccg	gcgcgagccg	gcggcggcgc	cgctgcggga	gggtcggcgg	tgggaaggcg	180
atggcggatt	tagataaact	caacatcgac	agcattatcc	aacggctgct	ggaagtgaga	240
gggtccaagc	ctggtgaaga	tgtccagctt	caggagaatg	aaatcagagg	actgtgctta	300
aagtctcgtg	aaatctttct	cagtcagcct	atcctactag	aacttgaagc	accactcaaa	360
atatgtgggt	acatccatgg	acaatactat	gatttgctgc	gactttttga	gtacgggtgg	420
ttcccaccag	aaagcaacta	cctgtttctt	ggggactatg	tggacagggg	aaagcagtc	480
ttggagacga	tctgcctctt	actggcctac	aaaataaaat	atcctgagaa	tttttttctt	540

ctcagagggga	accatgaatg	tgccagcatc	aacagaat	atggatttta	tgatgaatgt	600
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caatctatgg	agcagattcg	gcgaattatg	cgaccaactg	atgtaccaga	tcaaggct	780
ctttgtgatc	ttttgtggtc	tgaccccgat	aaagatgtct	taggctgggg	tgaaaatgac	840
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tacaatttcc	atatagtcta	ttcattaagt	aatcttttta	cagttgcac	aggcctgaac	2040
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atgctttctt	tgccctacat	tctttattct	gcggtgaagt	tgaggcttat	aagttaaaac	2160
aaaggaacta	acttactgtc	caccagttta	tacagaactc	acagtacctt	tgactttttt	2220
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ggtgaaaatg	aattcagact	tattaaatga	tgaacttggt	aaatcttctc	agtgtctatt	2340
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<210> 7971

<211> 3983

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(3931)

<223> similar to gi307181 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7971

ccggaattcc	cgagtcgacg	atttcgtgct	gggcgggcgg	cgaggagctgc	tctcgcgggc	60
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agcctggcgc	cccacgagcg	cggagggcga	ctttgaactg	ggcatcagca	gcaaacaaaa	180
aaggaaaaaa	acgaagacag	tgaaaatgat	tggagtatta	acattgtttc	gatactccga	240
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tctccccctc	atgatgatag	tatttggaga	gatgactgac	aaatttgttg	atactgcagg	360
aaactttctc	tttccagtga	acttttccct	gtcgtgcta	aatccaggca	aaattcttga	420
agaagaaatg	actagatatg	catattacta	ctcaggattg	ggtgctggag	ttcttgttgc	480
tgcctatata	caagtttcat	tttggacttt	ggcagctggg	cgacagatca	ggaaaaattag	540
gcagaagttt	tttcatgcta	ttctacgaca	ggaaatagga	tggtttgaca	tcaatgacac	600
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caagggttga	atgttctttc	aagcagtagc	cacgtttttt	gcaggattca	tagtgggatt	720
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tattgataat	aatcctaaaa	ttgacagttt	ttcagagaga	ggacacaaac	cagacagcat	1260
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gcagacatca	ggaagccaga	tccagtca	agaatttgaa	ctaaatgatg	aaaaggctgc	2040
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ccttaaaaat	tcacaaatgt	gtcagaagag	ccttgatgtg	gaaaccgatg	gacttgaagc	2160
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cagagatggt	attctgggtg	tttctgcaat	tgtattgggg	gcagtggctc	taggacatgc	3060
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tgccatagga	gacaacagcc	gggttgatc	acaggatgaa	attgtgagtg	cagccaaagc	3540
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taaggggact	cagctctcag	gaggtcaaaa	acagaggatt	gctattgccc	gagccctcat	3660
cagacacctt	caaattcttct	tggtggatga	agctacatca	gctctggatc	ctgaaagtga	3720

aaaggttgct	caagaagccc	tggacaaagc	cagagaaggc	cgcacctgca	ttgtgattgc	3780
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caaggagcat	ggcacgcata	agcagctgct	ggcacagaaa	ggcatctatt	tttcaatggg	3900
cagtgtccag	gctgggacac	agaacttatg	aacttttgct	acagtatat	ttaaaaataa	3960
attcaaatta	ttctacccat	ttt				3983

<210> 7972
 <211> 1381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (506)...(1176)
 <223> similar to gi4186040 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7972						
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cctgtcgggt	gactctataa	aaagacagga	gaagctgagg	ctcattcact	cactttgtcc	180
acttcattcc	caagagaagt	gtcgggggga	cctgccaggc	ttaggggaag	ctctgagctg	240
agccccttgt	gcaaagaggc	gagccaccca	gaggcagctg	ttcccttcta	ggcctggaag	300
tgcacatgct	catctacagc	tttcttgga	gaagaaagaa	acaaaaactg	agatttagaa	360
caccaggtct	gtttccactg	gcggccactc	ttgggcactg	gagaccagca	agagctttgt	420
ttttaaagg	ctcttccatg	gcagatatcc	gcagaggcat	cagggctaca	cttaaatgaa	480
gggctccggc	tggcacctga	ggagcggcat	ggtgggcacg	ttgatcacca	ccatcctgcc	540
gcactggcgg	aggacagcgc	acgtgggcac	caacatcctc	acggccgtgt	cctacctgaa	600
agggctctgg	atggagtgtg	tgtggcacag	cacaggcatc	taccagtgcc	agatctaccg	660
atccctgctg	gcgctgcccc	aagacctcca	ggctgcccgc	gccctcatgg	gcctctcctg	720
cctgctctcg	ggcatagcct	gcgctgcgc	cgtcatcggg	atgaagtgca	cgcgctgcgc	780
caagggcaca	cccgccaa	ccacctttgc	catcctcggc	ggcaccctct	tcctcctggc	840
cggcctcctg	tgcattgggg	ccgtctcctg	gaccaccaac	gacgtgggtg	agaacttcta	900
caaccgcctg	tgcgccagcg	gcattgaagt	tgagattggc	caggccctgt	acctgggctt	960
catctcctcg	ctccctctcg	tcattgggtg	caccctgctt	tgctgtcct	gccaggacga	1020
ggcaccctac	aggccctacc	aggccccgcc	cagggccacc	acgaccactg	caaacaccgc	1080
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tgggctgctg	tgggctgggt	cccggcgga	ctgtcaatgg	aggcaggggt	tccagcacia	1260
agtttacttc	tgggcaattt	ttgtatccaa	ggaaataatg	tgaatgcgag	gaaatgtctt	1320
tagagcacag	ggacagaggg	ggaaataaga	ggaggagaaa	gctctctata	ccaaagactg	1380
a						1381

<210> 7973
 <211> 1609
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (177)...(1078)

<223> similar to gil922935 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7973

tccgtagtgg	gctaaggggg	agggtttcaa	agggagcgca	cttccgctgc	cctttctttc	60
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agaggcgggc	cggcaccccc	ttctgacctc	cagtgccgcc	ggcctcaaga	tcagacatgg	180
cccagaactt	gaaggacttg	gcgggacggc	tgcccgcggg	gccccggggc	atgggcacgg	240
ccctgaagct	gttgctgggg	gcccgcggcg	tggcctacgg	tgtgcgcgaa	tctgtgttca	300
ccgtggaagg	cgggcacaga	gccatcttct	tcaatcggat	cgggtggagt	cagcaggaca	360
ctatcctggc	cgagggcctt	cacttcagga	tcccttggtt	ccagtacccc	attatctatg	420
acattcgggc	cagacctcga	aaaatctcct	cccctacagg	ctccaaagac	ctacagatgg	480
tgaatatctc	cctgcgagtg	ttgtctcgac	ccaatgctca	ggagcttcct	agcatgtacc	540
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agagtgtggt	ggccaagtgc	aatgcctcac	agctgatcac	ccagcggggc	caggtatccc	660
tggtgatccg	ccgggagctg	acagagaggg	ccaaggactt	cagcctcatc	ctggatgatg	720
tggccatcac	agagctgagc	tttagccgag	agtacacagc	tgctgtagaa	gccaaacaag	780
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ggcagaaaat	tgtgcaggcc	gagggtgagg	ccgaggctgc	caagatgctt	ggagaagcac	900
tgagcaagaa	ccctggctac	atcaaacttc	gcaagattcg	agcagcccag	aatatctcca	960
agacgatcgc	cacatcacag	aatcgtatct	atctcacagc	tgacaacctt	gtgctgaacc	1020
tacaggatga	aagtttcacc	aggggaagtg	acagcctcat	caagggttaag	aatgagcct	1080
agtcaccaag	aactccaccc	ccagaggaag	tggatctgct	tctccagttt	ttgaggagcc	1140
agccaggggt	ccagcacagc	cctaccccg	cccagtatca	tgcatggtc	ccccacaccg	1200
gttccctgaa	cccctcttgg	attaaggaag	actgaagact	agcccccttt	ctggggaatt	1260
actttcctcc	tccctgtgtt	aactggggct	gttggggaca	gtgcgtgatt	tctcagtgat	1320
ttcctacagt	gttgttccct	ccctcaaggc	tgggaggaga	taaacaccaa	cccaggaatt	1380
ctcaataaat	ttttattact	taacctgaaa	aaaaaaaaaa	agggggggcc	gttttaaagg	1440
atccaagttt	acgtccccgg	gcttgcaagg	tattattttt	tttttggggc	ccccaaaatt	1500
aaattcccgg	gccgggggtt	aacaacgggg	ggaggggaaa	aaccctgggg	ttaccaaat	1560
taatcgcttt	gaaaaaaatc	cccttttcgc	caggggggga	aaaaaaaaaa		1609

<210> 7974

<211> 2036

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2037)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1825)...(566)

<223> similar to gi2431772 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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tattattaga aaagtgctgc cagaaacatc cttgccatgc ttctgtatgt actgggtgcta      180
gtgttttctat cagataaatt tttagacatg aagtgaatta ctaggcatag gaaatataat      240
ttacactttt gatagatact gagttttttgc tcattttgcta catgaagcag aggcagagta      300
ttctgtgtgg gggttgggac aggaacactg acccctgaag tcgagcctgg gggcttaaca      360
tagtgggtcat ttgtccagcc tgttttatgg aaggaactgg actctgagct ttggggaatt      420
tcctgcaaga taaatgtata tcccacctat actggtaaca ggtaagttat gcgcaaagat      480
gaaaagacaa agccctagct agatcagctc ttgctctcag cactacaatg gccagcggta      540
attctttcag ttaaaatgac aattaatata gtttcattga agcttcaaac agagcagcca      600
gatectcttc tgactgggga caggggtgca gcttggtgac cctttcctgg ggcagcgctt      660
ctttcactag tgcggggata tcagctttgg agtaaccaac agctgctagg ccatcatcaa      720
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tcctggcagt gcgggtgtcg gctcccagta tttctgccat ctccaggtgt cgctctggaa      840
acatctgggc cgtgaaagtg aacaccgctg gggacgtgag caccacagaa aggccatggg      900
gcaccagtgg gtgatccaca ttgtaatcct ttgctttata catcttcact aaacctgaaa      960
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tcttcagata cttagccacg atccgcagcg cgtggatagc ccaaagtca ctgattgggt     1140
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agggcagggg ggtgtatgac tccagggcat ggcaaagcac atcaaagcca ctgttggcga     1260
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tggtctctga agtgatgcca atttttactt tcaagtgttc atagtcaaaa atggcaaccc     1380
cagtagtttc actcccgggt cctgaggtag ttggcactgc aatcagaggc ttaagaggca     1440
cagacacagg ctttcccttg ccaatggggg cactgacata atctaggaaa tcagaatgag     1500
ggctggatgc atacagatta gcagccttac aggtgtccat ggtagagcca ccaccgacag     1560
caacataggc atcaaaaagc cccttttggg caaactcaat agcttccatg aagcttgaat     1620
ccgttgggtc cactctcaca ttatcataaa ccgtaaaagg gatgccattc ttcactaggg     1680
aatccatagc tacttgcaca ggaggagct tggagaggtt cttgtctgtc atcaagcaca     1740
catttttagc acccatgttt tttaggtcca ttctacttc ctttgaact gctgtccat     1800
atctaataatt tgaacagcc atatactttc ttgacggaag ggcaatcctg tccctttaa     1860
ctcaataaag gcagcggcca ggtccttctg agtcccgtta taattgcta gaacttaaca     1920
tttagaattc cactccttg gtttacagcc gggtcgaaa aatagaaact cttccttct     1980
cgtcgcattn nnnnatcgtc gncecggcgg ttccgttctt caaacgncag tagtat      2036

```

```

<210> 7975
<211> 1309
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1135)...(189)
<223> similar to gi4929679 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 7975
tttttttttt ttttgtctgt ttgacccgac gcattttattg aagagagctc tgtcctttctc      60
ccttctaccg agaagaggcg gcttgcaggg ctggcacctg cccacacctg ccactggggcc      120
tttccttggg ctaggctgag tgggagcaga tgccctcatc ctatgtcggg cctgtgcagg      180
agccatcaca ccaccttggt gatgatgaca cctagttctt caatctcaca ctggacttca      240
tcccccttct tgagaaagac aggagggttc ctgaatacac cgacacctgg gggggtccca      300
gttaggatga catcccctgg gtaaaaggta acaaactggg agaccaggc tatcagggtcc      360
tctgtcttga ataccatctg gttggtgttg ccgctctgga ccacttcccc attcactcgg      420
cagcagatct ttaagttgtg tggatctgct acactgtcct tggtcaccaa ggcagggccc      480
agagggcaga aggtgtcgaa ggtttttccc agcagccatt gtttccatt acgtctcatt      540
tgccagtcac gagcactcac gtcatgagcc acagtgaagc cggccacgtg ggccatagca      600
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gcaaacttgc tgaagatgat gggctccttg ggcacgggca cgttctgttc tttgcagtgg      780
tccacataat tcatgcccac acacaccacc ttatctggtc gtgtgactgg agccaggaag      840
gttacctccg accgtggtag gactggcaac tgggcagcca gggctcttct tgccactgag      900
agggtggcct ctccctgctc taggaactgc gtcactgtct tcgggagtgt ggggtcaaag      960
gcattgaggt tgaatacccc tccaccattc cctgtctcca ggcccaagtg agggcccacc     1020
aggtgggggt cccggaactg cactagtctc atgtctctgg agggttgaaa gggccacttc     1080
tgagcctgca gcagaactgt gagtaacctt cttctaccag acaccagcat cagagcctgg     1140
ccgcggcggc cgatcttctt gcgctgtagg gttagagctc gcggggccga aggtcaaggg     1200
cggcgggcgc ctgagcactg ccaccagtga ccgcagccag ccgggggaaat gcagcagctg     1260
ctaaccaggg gccactcggc cggatcaccg gagagaaaag cgggcgcga      1309

```

```

<210> 7976
<211> 1610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (52)...(1440)
<223> similar to gil84497 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7976
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gtactgggag caccggttgc actgggggtg tggagcctat gctggtctct ggccattgcc      120
accctcttct ctccgactag tgcccatggg aatgttgctg aaggcgagac caagccagac      180
ccagacgtga ctgaacgctg ctcatatggc tggagctttg atgctaccac cctggatgac      240
aatggaacca tgctgttttt taaaggggag tttgtgtgga agagtcacaa atgggaccgg      300
gagttaatct cagagagatg gaagaatttc cccagccctg tggatgctgc attccgtcaa      360
ggtcacaaca gtgtctttct gatcaagggg gacaaaagtct ggggtataccc tctgaaaag      420
aaggagaaaag gatacccaaaa gttgctccaa gatgaatttc ctggaatccc atccccactg      480
gatgcagctg tggaatgtca ccgtggagaa tgtcaagctg aaggcgtcct cttcttccaa      540
ggtgaccgcg agtggttctg ggacttggct acgggaacca tgaaggagcg ttcctggcca      600
gctgttgagg actgtcctc tgccctgaga tggctgggcc gctactactg cttccagggc      660

```

aaccaattcc	tgcgcttcga	ccctgtcagg	ggagaggtgc	ctcccaggta	cccgcgggat	720
gtccgagact	acttcatgcc	ctgccctggc	agaggccatg	gacacaggaa	tgggactggc	780
catgggaaca	gtaccaccca	tggccctgag	tatatgcgct	gtagcccaca	tctagtcttg	840
tctgcaactga	cgtctgacaa	ccatggtgcc	acctatgcct	tcagtgggac	ccactactgg	900
cgtctggaca	ccagccggga	tggctggcat	agctggccca	ttgctcatca	gtggccccag	960
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acccaggtat	atgtcttcc	gacaaaggga	ggctataccc	tagtaagcgg	ttatccgaag	1080
cggctggaga	aggaagtcgg	gacccctcat	gggattatcc	tggactctgt	ggatgcggcc	1140
tttatctgcc	ctgggtcttc	tcggctccat	atcatggcag	gacggcggct	gtggtggctg	1200
gacctgaagt	caggagccca	agccacgtgg	acagagcttc	cttggcccca	tgagaaggta	1260
gacggagcct	tgtgtatgga	aaagtccctt	ggccctaact	catgttccgc	caatggtccc	1320
ggcttgatcc	tcattccatg	tcccaatttg	tactgctaca	gtgatgtgga	gaaactgaat	1380
gcagccaagg	cccttcgcga	accccagaat	gtgaccagtc	tcctgggctg	caactactga	1440
ggggccttct	gacatgagtc	tggcctggcc	ccacctccta	gttctctata	ataaagacag	1500
attgcttctt	cgcttctcac	tgaggggcct	tctgacatga	gtctggcctg	gccccacctc	1560
cccagtttct	cataataaag	acagattgct	tcttcacttg	aaaaaaaaaa		1610

<210> 7977

<211> 3305

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3257)...(768)

<223> similar to gi35323 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7977

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agcccccgga	cgtaaaattg	gaccccttaa	aacggccccc	cctttttttt	ttttttctgg	120
gaaaagtttc	tttaataaaa	aagttctagt	acatacacac	gattgtcctc	acccttcctc	180
tatagcaacg	caacagggaa	aataaaaaat	aaggggcaac	ctaggcacac	tcagtataaa	240
aacgcagaga	tccatccgaa	tgggagggcat	tggggtctgg	aaaccagaaa	tgcaggacgg	300
ccagtggggc	cagcagctct	gggctgcact	tttgaaagac	ttttctctaa	cgttttgaag	360
atagcattaa	aaaaaaaaaa	attaagttgc	accaggaggc	ctaagaaggt	tccatttcca	420
gagagaaaagt	ccactcgtaa	ggtcagtcac	agcaggccca	ggcccaggac	accgggggtg	480
agcaatttta	cggcaggtaa	gaggcttctg	gaaacttggc	ctctgaggca	accctggccc	540
aggtggagag	gttttctagt	ctgaagtcaa	actgccaca	ttcctccatc	ctgaaaggct	600
aaggaagcaa	ccactctaac	gtcagactca	tagcctgtct	ccgccaagtt	gctacggcca	660
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cgccttcagg	ttctcaatta	taaagttgcc	gatttcatct	gggttggctg	gcctaggacg	1020
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ggcctccaga	cctcggtgga	gctgggtgat	gtcatagtcc	tggctctctt	cgccaccccc	1140
ctcttcgcca	tagtagaaga	cgttgtcacg	ggtgtcatct	tctgggagta	ggaggggctc	1200
cttgatcttc	cgcttctttc	tcaccaacaa	aagcagcacc	agcaggagga	acagcagagc	1260

caggacagcc	cccagcacag	ggaggatgaa	acctcctttc	caggggccag	ggcagggtttc	1320
gacatggcca	tggcagtcgc	acacagtggc	cctgatcacc	gtcagctgct	ctttgttgcc	1380
atggtcagac	agagaaaggt	gcacgtcata	tgtatcctgc	ttcaggaact	tcttcagggg	1440
caagaccact	gtgtcacctt	cctcgttgac	ctctgccgtc	cagtagatgt	ctgagtcac	1500
tgtgagctgg	gcctggaaaag	gggaggtgtg	gggagacagg	tccttgatccg	tgatgttcag	1560
cacctggcgc	acagggtctt	ggttgcagat	ggtgatctga	cggggctcag	ggactgggcc	1620
atggtcattg	acatcaatca	gtgttagcag	aagggttccc	gtgccagtgg	tgggagggct	1680
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gtcctttggt	tcttggtctat	ggatggagta	agcaaccacc	ccattgtagg	tgtagatggc	2520
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gacactccct	cgggaaggtg	cctgggtaaa	cttgggcttg	tggtcattct	ggtcgggtcac	2640
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gaagggaccc	ttgccatttt	cagggacaga	tattggagca	accacccaat	ctctctgtgt	2940
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ggaggccgcg	cactgcagcc	agcaaacctg	gagaaggagg	agagacgcga	gaggtccacg	3240
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tccgc						3305

<210> 7978

<211> 3817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (41)...(1236)

<223> similar to gi2052058 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7978

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ggcaggtgag	gacgagctac	aggtgattca	gcctgaaaag	tccgtatcag	ttgcagctgg	180
agagtcggcc	actctgcgct	gtgctatgac	gtccctgata	cctgtggggc	ccatcatgtg	240
gttttagagga	gctggagcag	gccgggaatt	aatctacaat	cagaaagaag	gccacttccc	300
acgggtaaca	actgtttcag	aactcacaaa	gagaaacaac	ctgaactttt	ccatcagcat	360
cagtaacatc	accccagcag	acgccggcac	ctactactgt	gtgaagtccc	ggaaagggag	420
ccctgacgac	gtggagttta	agtctggagc	aggcactgag	ctgtctgtgc	gcgccaaacc	480
ctctgcccc	gtggatatcg	gccctgcggt	gagggccaca	cctgagcaca	cagtgaagctt	540
cacctgcgag	tcccatggct	tctctcccag	agacatcacc	ctgaaatggg	tcaaaaatgg	600
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ctgctgctgg	aaacctcaga	gttaaatccc	tattctccac	acctctcacc	tccaccacc	2160
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aggcagccct	cacttttcat	ggcagtgcaa	gattgcaaaa	atgactgtgc	aacctgaaac	2520
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ttttttgtca	aaatattaga	aactctcaca	ctctcagtta	caaatgtaga	ggacaatgaa	2640
aataataatga	aataaatatt	tattttgtgca	ctacaattca	aagcattaga	aacattgaga	2700
gttcaagtgc	tgtttctttg	taaaaatgta	tccagagtag	ttgggaagag	tgcttgctct	2760
tttttgatata	tttctaatat	ggagtgatata	agtttggtct	tgtgtctcca	tccaaatctc	2820
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gaatgggcta	atacacggag	caagcattgt	ttcttttcat	ttgtttattt	tatttttatt	3240
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ctggcatttc	aacctttggg	acatcttcag	cccttttatt	accactcctc	tcccatttgt	3720
ggcagtttgc	gtttactacc	tccctctggc	tgccatctctg	aagttcctgc	atcaggggtct	3780
acattgccac	agtcaactat	ttgtacttct	agaattc			3817

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<210> 7979
<211> 1345
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (157)...(626)
<223> similar to gil60998 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7979						
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tttcttctac	aactaaaatt	cctcaaact	aaaatcaaca	gcttttatgc	ctttgaagtg	180
aaggatgcaa	aaggaagaac	tggttctctg	gaaaagtata	aaggcaaagt	ttcactagtt	240
gtaaacgtgg	ccagtgcactg	ccaactcaca	gacagaaaatt	acttagggct	gaaggaactg	300
cacaaagagt	ttggaccatc	ccacttcagc	gtgttggtct	ttccctgcaa	tcagtttgga	360
gaatcgagc	cccgcacaag	caaggaagta	gaatcttttg	caagaaaaaa	ctacggagta	420
actttcccca	tcttccacaa	gattaagatt	ctaggatctg	aaggagaacc	tgcatttaga	480
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gacatagcag	ctctgggttag	acaagtgatc	ataaaaaaga	aagaggatct	atgagaatgc	660
cattgcgttt	ctaatagaac	agagaaatgt	ctccatgagg	gtttggtctc	attttaaaaa	720
tttttttttt	ggagacagtg	tctcactctg	tcaccaggc	tggaagtgcag	tagtgcggtc	780
tcagctcatt	gcaacctctg	ccttttttaa	catgctatta	aatgtggcaa	tgaaggattt	840
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caaagcaaaa	atcaagagta	gccaaagaat	caacatgaaa	tatattaact	acttctctctg	960
accataactaa	agaattcaga	atacacagtg	accaatgtgc	ctcaatatct	tattgttcaa	1020
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ttcaagagca	ctgtgtatga	ctgaaatttc	tggaataact	gtaaatgggt	atgttaatgg	1140
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tgatgcttg	ttttgtgtac	aggattttgt	tttttctttt	taagtacagg	ttcctagtgt	1260
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cgtattataa	caaaaaaaaa	aaaaa				1345

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<210> 7980
<211> 1292
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (176)...(595)
 <223> similar to gi5262858 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7980
 gacgcccgcc ctactccgcg tggattgggt gaccgccctt cgagcccggg gctgactggc 60
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 gcgtgtgcag cggcgggcgc ggaagtggcc ggcgagcccg gtccccgcgc gcaccatgct 180
 tcccttgtca ctgctgaaga cggctcagaa tcaccccatg ttggtggagc tgaaaaatgg 240
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 cggcagcacc atcaagtacc tgcgcacccc cgacgagatc atcgacatgg tcaaggagga 420
 ggtggtggcc aagggccgcg gccgcggagg cctgcagcag cagaagcagc agaaaggccg 480
 cggcatgggc ggcgctggcc gaggtgtggt tgggtggcgg ggccgaggtg ggatcccggg 540
 cacaggcaga ggccagccag agaagaagcc tggcagacag gcgggcaaac agtgagcgcc 600
 caccagacc ggctgctgcg cccctcctg ccagggtggc gattccgctc cacagtctcg 660
 gacgatctg ctcagaaagg aagaggcagg cgccaggggg aacccccttc gtgttttgtg 720
 accctccctt ttaggtgaag cccctttttc ttgctaaaac cggcaattct ccggttagaa 780
 atgttacttg gtgttttttg gttttgtgaa acggccgtcc caaagctggc tggattccta 840
 gaagagtctg tgttgaaggc atctttcaag ccctcgctct ggttctcagg gcagcatttt 900
 ccaggcgggt ttgttttgca tttcttgag cctctccgag cagcaaccag acgggagatt 960
 tttattttta gctgttcatg ctgggactga cagcctgcag ggtttccttg ggcgcggccc 1020
 caaaattgcc ttcaaaacaa acccgggacg gttgaaagcc ttcgaaccgt gcaggggatg 1080
 cctcgggccc tggcccttcg ctctctctct tgtgttatgg aaataaaaaa aaataaaact 1140
 acacactgca catccaaaaa aaaaaaaagg ggggggcggt ttaagggaat aaattttaag 1200
 acccgggcgc gggcagggaa atattttttt aagggggccc caaaattaaa tttcgggtgcc 1260
 ggggttttaa aaaggggggg tgggaaaacc cg 1292

<210> 7981
 <211> 1420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (185)...(984)
 <223> similar to gi5138906 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7981
 gagctgggag gctgcgagat ccctaccgca gtagccgcct ctgccgccgc ggagcttccc 60
 gaacctcttc agccgcccgc agccgctccc ggagcccggc cgtagaggct gcaatcgacg 120
 ccgggagccc gcagcccgcg ccccgagccc gccgcgcgcc tttgagggcg ccccgagccg 180
 cgccatggtg aaggtgacgt tcaactccgc tctggcccag aaggaggcca agaaggacga 240

gcccagagc	ggcgaggagg	cgctcatcat	cccccccgac	gccgtcgcgg	tggactgcaa	300
ggaccagat	gatgtggtac	cagttggcca	aagaagagcc	tgggtgttgg	gcatgtgctt	360
tggactagca	tttatgcttg	caggtgttat	tctaggagga	gcatacttgt	acaaatattt	420
tgcacttcaa	ccagatgacg	tgtactactg	tggaaataaag	tacatcaaag	atgatgtcat	480
cttaaatgag	ccctctgcag	atgccccagc	tgtctctctac	cagacaattg	aagaaaatat	540
taaaatcttt	gaagaagaag	aagttgaatt	tatcagtgtg	cctgtcccag	agtttgcaga	600
tagtgatcct	gccaacattg	ttcatgactt	taacaagaaa	cttacagcct	atttagatct	660
taacctggat	aagtgtctatg	tgatccctct	gaacacttcc	attgttatgc	caccagaaa	720
cctactggag	ttacttatta	acatcaaggc	tggaaacctat	ttgcctcagt	cctatctgat	780
tcatgagcac	atggttatta	ctgatcgcat	tgaaaacatt	gatcacctgg	gtttctttat	840
ttatcgactg	tgtcatgaca	aggaaactta	caaactgcaa	cgcagagaaa	ctattaaagg	900
tattcagaaa	cgtgaagcca	gcaattgttt	cgcaattcgg	cattttgaaa	acaaatttgc	960
cgtggaaact	ttaatttggt	cttgaacagt	caagaaaaac	attattgagg	aaaattaata	1020
tcacagcata	acccaccct	ttacattttg	tgcagtgatt	attttttaa	gtcttctttc	1080
atgtaagtag	caaacagggc	tttactatct	tttcatctca	ttaattcaat	taaaaccatt	1140
accttaaaat	ttttttcttt	cgaagtgtgg	tgtcttttat	atttgaatta	gtaactgtat	1200
gaagtcatag	ataatagtac	atgtcacctt	aggtagtagg	aagaattaca	atttctttaa	1260
atcattttatc	tggattttta	tgttttatta	gcattttcaa	gaagacggat	tatctagaga	1320
ataatcatat	atatgcatac	gtaaaaatgg	accacagtga	cttatttgta	gttggttagtt	1380
gcctgctac	ctagtttggt	agtgcatttg	agcacacatt			1420

<210> 7982

<211> 3067

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1283)...(2202)

<223> similar to gi1051125 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7982

aatgaagggtg	gacacccaaa	tagccccaat	acaaatgcct	gttcaatcaa	ccaaacatct	60
aagcagcaca	tctatgtgg	agcatattgc	caggccgtga	gactgcgaat	ataaatagga	120
accgcccctc	atctgcaggc	gtcaccaacc	tagttagcaa	acagtaaaac	aattaagcgc	180
gccgtggaca	taggcccact	tgtcctggga	aatgagggga	agctgggggt	tgcagtgggt	240
tgattgaagg	gggactacat	gttagaggca	cagactgggt	gcaggtacac	ccaaaggaac	300
gagaagagt	gaaggaaaca	acatccacaa	agtaaccaca	tgctggcgta	tcgaaggccg	360
tgatttacgg	ttttgagact	ttacctcgcc	agcaaagggg	ggccagtctg	ttagcgggtgc	420
agattggagg	ggtgacattg	gaagctgtcc	aggaaaaaga	aaatggaact	ggggagcaga	480
aggcctacgc	aagagggcgg	gacagacagg	acttgtgact	agtagctctg	gactgaggaa	540
tcctccctgc	tttctgggtc	gggagagcta	gtggatgatg	gtgccaataa	cctggatggg	600
gaaagtaagc	tccctcctgg	aatgcttcat	tcacaacctc	cattttcagc	aacatcccat	660
ctactgggtgc	ttcctgggtc	agatacaagt	ttcctgaaac	tgctgctctg	ttttgggcct	720
caccgggcca	acagctcact	agctggcaag	cagtagtatc	aagatggcgg	ccccctagga	780
ctggctagtc	atgtgacctc	gggtttccca	agtttgaagc	ccggcagtcc	tttcgggggc	840
aaggttcacc	tgtcacgaaa	cgagtgtcac	cccttcgact	ctcgcaagcc	aatcggcctc	900
tgagactggg	ccactgcggg	gaggcgatcg	gaagattggg	cctttccagt	cgcttagcta	960
gggccaatca	cggagcgtcc	catacttcgc	gggcccgcgc	gtaggccggg	gagaagcagg	1020

aatatcgtea	cagcgtggcg	gtattattac	ctaaggactc	gataggaggt	gggacgcgtg	1080
ttgattgaca	ggcagatttc	cctaccggga	tttgagaatt	tggcgagtg	cccgccttag	1140
aggtgcgctt	atttgattgc	caagtaatat	tccccaatgg	agtactagct	catggtgacg	1200
ggcaggcagc	ttgagcta	gagtcctccg	tggccggcgc	agctctccac	atgccggggc	1260
gcggggccca	gtctgagcgg	cgatggcggc	ggcggcggcg	gcggcagcag	cagcgggggc	1320
tgcgggcggg	cggggctccg	ggccggggcg	gcggcgccat	cttgtgcccg	gggcccgttg	1380
ggaggccggg	gagggggccc	cgggggggcg	aggggactac	gggaacggcc	tggagtctga	1440
ggaactggag	cctgaggagc	tgctgctgga	gcccagcccg	gagcccgagc	ccgaagagga	1500
gccgccccgg	ccccgcgccc	ccccgggagc	tccggggcct	gggcctgggt	cgggagcccc	1560
cggcagccaa	gaggaggagg	aggagccggg	actggtcgag	ggtgaccggg	gggacggcgc	1620
cattgaggac	cggagctgg	aagctatcaa	agctcgagtc	agggagatgg	aggaagaagc	1680
tgagaagcta	aaggagctac	agaacgaggt	agagaagcag	atgaatatga	gtccacctcc	1740
aggcaatgct	ggcccgggtga	tcatgtccat	tgaggagaag	atggaggctg	atgcccggtc	1800
catctatggt	ggcaatgtgg	actatggtgc	aacagcagaa	gagctggaag	ctcactttca	1860
tggctgtggt	tcagtcaacc	gtgttaccat	actgtgtgac	aaatttagtg	gccatcccaa	1920
agggtttgcg	tatatagagt	tctcagacaa	agagtcagtg	aggacttcct	tggccttaga	1980
tgagtcccta	tttagaggaa	ggcaaataca	ggtgatccca	aaacgaacca	acagaccagg	2040
catcagcaca	acagaccggg	gttttccacg	agcccgtac	cgcgcccggg	ccaccaacta	2100
caacagctcc	cgtctctgat	tctacagtgg	ttttaacagc	aggccccggg	gtcgcgtcta	2160
caggggcccgg	gctagagcga	catcatggta	ttcccccttac	taaaaaaagt	gtgtattagg	2220
aggagagaga	ggaaaaaaag	aggaaagaag	gaaaaaaaaa	ggaattaaaa	aaaaaaaag	2280
aaaaaacaga	agatgacctt	gatggaaaaa	aaatattttt	taaaaaaaag	atatactgtg	2340
gaagggggga	gaatcccata	actaactgct	gaggagggac	ctgctttggg	gagtagggga	2400
aggcccaggg	agtggggcag	ggggctgctt	attcactctg	gggattcgcc	atggacacgt	2460
ctcaactgcg	caagctgctg	cccatgtttc	cctgccccac	ttcacccctt	tgggggctgc	2520
tcaagggtag	gtgggcgtgg	gtggtaggag	gttttttttt	taccaggggc	tctggaagga	2580
caccaaactg	ttctgcttgt	tacettccct	cctgtctctc	ctcgcctttc	acagtcccct	2640
cctgcctgct	cctgtccagc	caggtctacc	accaccccca	cccctttttt	cgggtccct	2700
gcccctccag	attgcctggg	gatctatttt	gtttcccttt	gtgtttcttt	ttctgttttg	2760
agtgtctttc	tttgaggtt	tctgtagccg	gaagatctcc	gttccgctcc	cagcggctcc	2820
agtgtaaatt	ccccttcccc	ctggggaaat	gcactacctt	gttttggggg	gttttagggg	2880
gtttttgttt	ttcagttggt	ttgttttttt	gttttttttt	tttccctttg	cttttttccc	2940
ttttatttgg	agggaatggg	aggaagtggg	aacagggagg	tgggaggtgg	attttgttta	3000
tttttttagc	tcatttccag	gggtgggaat	ttttttttta	tatgtgtcat	gaataaagtt	3060
gtttttg						3067

<210> 7983

<211> 1164

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1031)...(317)

<223> similar to gi5817183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7983

tttttttttt	ttgcatttca	atagaactag	ctttattttac	ttattttattt	attgtaaaca	60
aaagaaatgg	tttaaaagca	aatgcatata	tgtaccaagg	gatggacatg	acctggtact	120

tacaaaggag	ctgctgtgtc	ataatggaaa	cagcatatta	ggagaaaaat	agtatttcgt	180
gtgctgtctg	cttgagtaat	caatctggag	atgcaagtta	accgaagggtg	ctctgccaag	240
ccatcagcgt	gagaaaaaaa	aaccaccaga	agttgcctcc	agataacgat	gtagtggcag	300
catgataact	ggcatcaact	cacggtcttc	tcattttccc	cattttctat	aattttcctc	360
ttcttttcat	ctattttttt	cttgaagatg	ttatttcggt	aaaactgaag	ctctttgatg	420
ctttcactaa	tgtcatcaag	tgccctatga	gaagcagcct	tctttggtgc	aaattcatat	480
tcttctggat	accagcgtct	gcacagttct	ttaacagtgc	tcacatcaat	tattctataa	540
tgaagatggt	tcatgaactg	gggcatgtat	ttgtcaagaa	acttcttata	ttcatgaact	600
gaatttcctg	caagtggaca	gagccctgga	ggagtctgct	gtcgtacaaa	ggacagaaat	660
tcatactctg	cctgctgcaa	tgtaatgtga	ctctccttca	ctgccttggt	aaggccagac	720
ttcccgatg	gtcctttaca	ccaatctgac	atgctgtcca	gcaactcctc	tgggtgtttt	780
ataatcaggt	taggaccttc	agccaaaatg	ttgagatcag	agtcagttat	cagacaggcc	840
atctcaataa	tctggctcct	ctcaatgtcc	aatcctgtca	tctccagggtc	caccagacc	900
atccgctgag	ccatgctctc	ccctgccgcc	atggctgcgc	caccttcgcg	gacacctcgg	960
gccccgaacc	gtccgtgact	cccacctaca	ccccgcaaca	gcctggagcc	cagggagccg	1020
cctagcatca	cccgggacca	gcagccacgg	ccccagtctc	gcagccggcg	ctggcgagg	1080
cgcaatagtc	gctaaacgtc	gcaaaccac	ggggaggcgc	acgagcgaat	tccaccgcac	1140
tgactagtgt	ctcgagtttt	caat				1164

<210> 7984

<211> 2935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2936)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2608)...(915)

<223> similar to gi2865252 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7984

tttttttttt	tcaagaataa	cagttttaac	aaaaatgctg	tcagtaagca	aatgtacctt	60
ggagtgaagt	acagaagatt	tttatgtttc	ataaattatt	cccagggggt	tcagtttggc	120
atacagcaaa	gatacagact	ggattctgag	aacctcctcc	tgccccccaa	atttctctggc	180
tttggcatag	aaagggctac	acagctcttc	catcaagccc	tggcattttc	tacttggtaga	240
gattgatttt	tctacagaag	agctcagatt	ttatctcact	aaaaagacgt	gcttgatttt	300
taaattggaa	atttacaata	ggagtgaat	gaagtgtgag	tagtaaggta	gtgggtgtct	360
gtgtacatcc	tcatgcccaa	ccccagaaga	cattgaagcc	tgaggatatag	cctctaccca	420
ggcattcctc	aggtcctctg	aaggaacttc	cgtcacacaa	gctgagaact	tgtgaattt	480
gaaaagcaat	ttgccctttg	gcatcatcat	ataaagagat	ttacctccag	atgataatag	540
gtgaagacaa	agacttacag	gtggttgatt	gttggttggt	tttaaagcca	actgtgatcc	600
catcaatgta	tttctaagga	aaatgtaaac	tgttcataca	ttctcttaaa	catcacagt	660
aaaagcaagt	acccgtatgt	gtgatagggc	aggcagaggg	ctccacctgc	tctgcccttg	720
gcaaaggccc	ttggctacac	tggtgaaaat	gccagctcgg	cttctgcacg	gatacactat	780
gttggtgcat	ccaactggag	tgccggtgga	cccaaaggcc	agggcagggc	agggggagg	840

ggatattttga	aatgttttca	ggagctctgt	ccagctgtct	ctgtcttcca	gcccggaaact	900
gctgcacaaa	gctacaagga	caactgatgag	accatggatc	tgctgctgtt	ctctagggaa	960
gacttggctt	ggagtgtggc	tgcctggatt	cgaaagtgtg	tccttgactc	catggagtaa	1020
ttctttagt	tttgcttggc	agattccaaa	agttttagtg	cctcttcgtt	tctgtcttgc	1080
tccataagca	gcagggccag	ctccagcagg	gcgtttggga	tcaagtagtg	gtcatattta	1140
atcttctttt	cattggcaga	gatgtctcta	aaattctcct	cggcctcctg	gacacggccc	1200
aggtatttca	gacacaggcc	tttcaacaat	ttcaccaagc	actcgtcatc	cactgagtac	1260
tcgttctctg	ggcctttctc	cagcatctct	tcagccttag	tgataatctc	aagtatccca	1320
tcctgtagtt	tcggctgctt	cccaatcacg	gcgtagccgt	tccagatgta	catcatttcc	1380
agagcaggca	ctggcagcga	gatagggttg	gaggagaagt	agcgcgggga	cttccggatg	1440
gcaaacttct	ctgtgggtag	agacttccca	gcaatcttga	gcttcaggcc	tggcacagct	1500
cgaaataatt	ccacttcgtc	gtccccgaac	ggcttgtggt	cctccttccc	aaacatgctg	1560
aggtaggcgg	ccttcatgta	aatgtagggtg	gccttggacc	agcagttctc	cttgtctgagc	1620
aggtcggcgt	agaagtagga	catcttccac	tggcccttgt	aggtgaagca	ccacatcagc	1680
tcccagtagc	acatgtggtg	gaactgcttc	cagtgtctgt	gggcctcaca	gcaactcctc	1740
aaacgccgga	tggctgcatc	aatgttgctt	ttaatgactt	caatcctccc	tgcaaggaac	1800
aggaagatgg	cacccttagg	gtaccggctt	aggtagggtt	tcaagagctt	ctcggcctcc	1860
tcgatgttga	cgttcccagt	accgagcacg	aaggtgagga	aggtgtggta	gcacagcagg	1920
agcatgacac	agagcacaga	gcggaagctg	tgccctgacg	ctccctcctc	cagctgcagc	1980
agcccatagt	ccttgtttcc	tgaaaacccc	acaaactcca	acagcctcag	gatcctagta	2040
ggaagcatgg	acagtgtcag	gttgaaggcc	cctacaccaa	gcttcactcc	tccttcaaag	2100
tgcggttgg	tctcaccctt	gcagtattgt	gaggactgaa	caaggctgtc	cagctccttg	2160
taggtctgg	agctgtttcg	aactttgatg	ccgcctttga	tgaagctcac	catgttctcg	2220
tctgtcagga	aggtcagggc	tgctcgctgc	agcaggcact	ttgcatagca	gacctcagcg	2280
tggatttcct	cttcagtgaa	ttggcccagc	gtggggcggt	tcaccaggct	gctgaaggaa	2340
tctgtttacag	aagacttcct	ccggtgcctc	tgacacagca	tctgtgcctc	cttcatcatg	2400
ttgccggcaa	gcaggatgtc	ctgagggtca	aaggatcatca	tggcctgcat	ctccaggatg	2460
gtggcatatg	tcagttagtg	gtacatgctt	tccttggttc	tgggcttgag	gtagctgagt	2520
gcttctgaga	actggttgg	gaggaagagg	tccagggcgg	tcatgcactg	gtccagggcc	2580
tcattggaggc	tgctctcagg	agtcctccgc	ggcagggnct	cctgggggtg	ccatcttcct	2640
gttcttttga	gggaggattg	aagtcattaa	aggcacattg	atgcagccat	ccgngtcttc	2700
gaggagtgt	tgtgaggcca	gcagnactgg	aagcagtcca	ccacatgttg	ctactgggag	2760
ctgatgtggt	gcttcaccta	caagggccaa	gtggaagatt	gtctacttct	tacggccgac	2820
ctgctcaaga	aaggagactt	gttgggtccaa	nggccaccta	caatttataa	tgaggccnnc	2880
ctacctcaag	aatgttttgg	gaaggggggg	accacaaggc	cngtnccggg	gagga	2935

<210> 7985

<211> 1236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(753)

<223> similar to gi6017919 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7985

tcggaaaagg	cccacttttg	gggataatgc	tgagggaacac	tatgaaatct	tggaaatgata	60
gccagtcaga	tctgtgtagc	actgaccaag	aagaggaaga	agagatgatt	tttgggtgaaa	120

atgaagatga	tttggatgag	atgatggatt	taagtgatct	gcctacctca	ctttttgctt	180
gcagcgtcca	tgaagcagtg	tttgaggcac	gagagcagaa	ggaaagattt	gaagcactct	240
tcaccatcta	tgatgaccag	gttacttttc	agctgtttaa	aagctttaga	agagtcagaa	300
taaattttcag	caaacctgaa	gcggcagcaa	gagcgcgaat	agaactccac	gaaacagact	360
tcaatgggca	gaagctaaag	ctatatTTTT	cacaggtgca	gatgtccggc	gaagtgcggg	420
acaagtccta	tctcctgccg	ccccagcctg	tcaagcagtt	cctcatctcc	cctccagcct	480
ctcccccggt	gggggtggaag	cagagcgaag	atgcgatgcc	tgttataaat	tatgatttac	540
tctgtgctgt	ttccaaattg	ggaccaggag	agaaatatga	acttcacgcg	ggaacagagt	600
cgacacccag	cgtgggtggt	catgtctgtg	aaagtgaac	tgaagaggaa	gaagagacaa	660
aaaaccccaa	acagaaaatt	gcccagacaa	ggcgccccga	ccctccgacc	gcagcgttga	720
atgagcccca	gacctttgat	tgcgcgctgt	gaggcccttg	gttgtggtgc	gaggcggtctg	780
ccctgggtggg	ctctggccat	ggcgctctgt	gcctgcggcc	gatgcgttgc	tgcgaacagc	840
ataggtgaga	ctctgccgag	tgaggtatag	gtctttctac	cacgcctgta	ctgcagacac	900
ggtcgtgtag	agtagcagct	gatttgacct	gtcccagatt	ttaagtgata	ttccaaaagg	960
gactttacat	taaaggagaa	gcccccaaga	tgtggccacc	cttaaccatt	tttaaatagt	1020
aacaaattag	gaaaacagct	ccccctccct	ccagccatgt	aagtcctcct	gattctgtat	1080
cacatgagac	acaaaaaact	ggaaatgtag	tcacaccag	tacagtacca	tttttatgaa	1140
tttaaaaaata	gtctttataat	tttaattgtt	tgtgggtatt	tttctactgg	tataaatagc	1200
ttctaattaa	taaatcgatc	aaaggttggt	actcag			1236

<210> 7986

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (678)...(280)

<223> similar to gi2621798 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7986

agctgtctcc	atttgctaaa	gctataaaca	gttcttgatc	tagtcaattg	caaaatacat	60
ggatggccag	ggcttctgtt	taagcaaaaag	aagaaaaaat	atcaatagca	caaaactgcc	120
cttatagttt	ttgaaaaaat	atatctatta	agataacaat	tttgattttt	ttaataagct	180
gtgcattaaa	gtacactttg	tttccatcac	tctccattac	tctagagctc	cgctttgtct	240
gcctgggccc	ggctggcgac	cccactgcct	ccctcgggcg	tgccactgct	atccgcaggt	300
gtaaaagaca	aggcagccga	atztatgcag	tatcttttcc	cagttggacg	aggcccatca	360
tcaaaaatgt	gccaaggtg	agcaccacac	tgagagcagc	ttgtttccac	cctgtgcac	420
ccataggaaa	agtcactctg	gaatgtgatt	gcctcagaat	tgatcacatc	gtggaatgaa	480
ggccaacctg	aaccggagtc	aaatttggtt	tctgacttaa	acaatggagt	tccacaaaca	540
acacatttat	atattccagg	atctttgtga	tgtgtgtatt	ctccttcaaa	ggcactttcg	600
gtccctttct	cctgagtgc	atgggtactgc	aggggtgtta	gccgcttcct	cagttcctgc	660
tgggaaaaga	ccacettaca	gttcttttta	tccctacacg	acccggactg	cgcacttccc	720
agagccgcgg	ccaggcagag	gcagaggcag	agggagaggc	agagcgagag	ggggcgcggg	780
agggtcgcgc	gcgggctcat	ggaaaggcca	ggcagccacc	gccggtgtca	gaacctcgct	840
ccctccctcc	ccggctc					857

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<210> 7987
<211> 5580
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(1464)
<223> similar to gi4003528 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7987
gcgggcgcgc cggggggcgc cgcgcccgc gcccgctgcc tgcgcgcgcg gccgggcatg      60
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actcctccct cacctccccg acggggcgag gctccatggc tgccccctcg ctgcacccgt      180
ccctgggggc tggcatcggc tccccgggac agctgcattc tcccatcagc accctgagct      240
cccccatcaa cggcatgggc cgccttttct cggtcacag ctcccccatg ggccccact      300
ccatgtcggg gccaccaca cccaccctgg gcttcagcac tggcagcccc cagctcagct      360
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ccatctgcgg ggaccgctcc tcaggcaagc actatggagt gtacagctgc gaggggtgca      540
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actgctgat  tgacaagcgg cagcggaaac ggtgccagta ctgccgctac cagaagtgcc      660
tggccatggg catgaagcgg gaagccgtgc aggaggagcg gcagcgtggc aaggaccgga      720
acgagaatga ggtggagtcg accagcagcg ccaacgagga catgccggtg gagaggatcc      780
tggaggctga gctggccgtg gagcccaaga ccgagacctc cgtggaggca aacatggggc      840
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ttttcaccc tggaggagtg gccaagcggg tcccacactt ctcagagctg cccctggacg      960
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gctccatcgc cgtgaaggac gggatcctcc tggccaccgg gctgcacgct caccggaaca      1080
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tttgagcag	acagctttag	ccgttcccaa	tccttagcaa	tgcttagct	gggacgcata	4860
gctaatactt	tagagaggat	gacagatcca	taaagagagt	aaagataaga	gaaaatgtct	4920
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ccgtacgatt	gtctctgaaa	catcgtggcc	gcaggtgcca	gggtttgatg	gacagtagca	5340
ttagaattgt	ggaaaaggaa	cacgcaaagg	gagaagtgtg	agaggagaaa	caaaatatga	5400
gcgtttaaaa	tacatcgcca	ttcagttcgt	ttgttccgtg	tggggacttt	tttgtttgga	5460
gcgggagggc	ccgcgatcag	ccccaccag	cccaccctcc	tgtccaccct	acctgccggt	5520
cctgtgcggc	gaggctggca	tcctctgtgg	gccatactct	tgagagttct	ctccctgtcc	5580

<210> 7988
 <211> 1041
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (956)...(374)
 <223> similar to gi3136050 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7988
tttttttttt ttcaacttcc caggatggtt tattccaaag ctgtggacgg tgaacattaa      60
gacgaaagag gtgactcgcg tggaacctga aacacggacg cttttcttcc aagaagggct      120
gtggcgatca ggccactcaa ggcagccagc ccctcagcag ggcacgatgg ctaatgctgc      180
ctggaccgca gggacttttt gttcgatttc aagacaccag actccctctc cttctcaggg      240
tcgaagactt ttgggatctc gtggggccag tagtcgttgc agtgggggca gcgcggttca      300
gcattcgact ggaagtactt ggccacgcag ggtaagtga tcctgatccc acaggtttcg      360
cagctttgac cctggatgag gaggctgtga cagatattgc agatcttcac cgcgtcgggg      420
tacgtctccc ggatgtattg ctccatctcc aggatggccc ggccgtgcag ggtgaactcc      480
ccttccttct caatcagcca cttgttttga acaaacttct gcagcacctg ctccgcttcc      540
ttcttcctca tcttcttgcc tttaagtga tcaaccaggt tcaatatggt tgtggaagac      600
gcaaagccgg tttctgagtc aataatcagt tccagagcct ttctaaacaa atccagttca      660
ttctctgcaa aatccgtagc catttttgaa attgaagttg tagcaagatt caccaacgca      720
taaatgggtc tcccatcatc ttccgtgact cctctcttta tctcaatata caaggactcc      780
aagacactgt taatgttggt gatgaagtcc tccaacttat ctacggtggc attgcggtca      840
tggaccttgt agcagtgcgt ctgcaagcgc ttcacgtccc attcctctag cagccatgg      900
gtcatcagca actggaggaa gcgccggtgg acatcagtca tgacgcccac tctccttgtg      960
ctgccctgca tgtgggaacg aacagggagc ccaagcgcac cccaggccgc gctagcggat     1020
acggtcgcaa ggtggactct t                                     1041
  
```

<210> 7989
 <211> 1101
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (51)...(249)
 <223> similar to gi4826494 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7989
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agactctgga ggcgcgaatc aatagagcca cgaaccccct gaacaaggag ctcgactggg      120
ccagcatcaa cggcttctgc gagcagctca acgaggactt tgaggggcct ccactcgcca      180
  
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cccggtgctgct	ggccccacaag	atccaggtccc	cacaggagtg	ggaggcgatc	caggccttga	240
cggtgagaag	gggagaggcc	accatccgtc	ccccgccatg	tgacgacacc	aagggaggcc	300
aagactgagg	ttcttggggg	ccataaggct	cttcagagcc	caagagagtt	gtgctaagat	360
ggcccaggat	ggagggtccg	gcctgcccc	aggggtccac	cacagccagc	gggctggcct	420
cccacccag	catccataca	cgtaggcctg	ttgctgaggg	aaggccctct	agggctcatct	480
gggtccagggg	ttctttgtct	cagctgcaca	tcggctgcct	ctccaggaag	cgtgttcaac	540
acatggaatc	aggggtccac	ccagacctgc	cgaggccaca	ctcctggagt	atctgcatcc	600
agagatctgc	acgtttgtaa	agctaagggg	tgggtgcttg	gctcaggcct	gaggttttgc	660
atctgttcaa	tagcagagga	gagaggggtg	tactgtctgt	ggccccagc	atggggccaca	720
taccaacca	ccatggagca	aagctgattt	taagtgggtg	tagagataca	gtttctcttt	780
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ggccaaggca	ggaggcttgc	ttgaggcaag	gagttcaagg	ctacagttag	ctatgattgt	900
gccactgtac	tccagactgg	acaacagagt	gagaccccat	ctctaaataa	taatcattat	960
tgttacatat	ttgttttaac	atTTTTTct	caagtataac	tagtcctatg	atttcataga	1020
tgtagcttag	gataaggcca	aggtagatgt	tgcctatata	aggttttttt	aaaaaaggaa	1080
aaataggccg	ggctgggtggc	t				1101

<210> 7990

<211> 2051

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1834)...(395)

<223> similar to gi3242791 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7990

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ccaagttttt	gggggcgggg	gtcctttttg	gatccccact	cctgagtgtc	acggggccag	120
gggaaggctg	gagccaaaac	caagtctctg	ggggcggggg	tcctctctgg	atccccacta	180
ctcagctccc	cgggctcccc	atgcagccct	agagacggga	gaagtccagt	gtgccgttcc	240
acctccctcc	aagtcccaag	aaagtgggag	gcagtgttcc	actccagtgt	cgtccagacg	300
aacaagtcca	accagtctgg	aaccctaggg	cggcgtggtc	aggtcggggg	cgggagggcc	360
gggcctgggt	ctgtctctgt	ctgtgtccag	gtcacacata	aactgcccgc	cgtgagatga	420
gggagccgtc	cagctgggac	tccatgtcat	cctcgagtgc	tgggggtgga	ggcaacatga	480
ggcctttctc	tgcttctctc	tcctcctcct	cctcctcctc	atccttgcca	tctggttcca	540
tgggaccagg	gactactggt	gtccagaaga	cggggtcccc	atttcccaac	acctgagctt	600
tcggatcgta	gaatcccccg	tcgccactgg	ctcctcctcc	tgctcctcca	gggctcttcc	660
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ctgtgcagac	gaagggtgta	ttgaacagac	tgtccactgc	gtggatgacc	agctgggagc	900
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gctctgggtt	gctgcggacg	tcacagctca	gggtggcatc	agtacggccg	aggtaccagt	1020
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ggacggaccc	cttggggaag	gtggcaaaact	cgcaagtgtg	gttgccctcg	tcctccaccg	1440
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tcccggccca	gctctccccg	cccggctcgg	caccccggc	ctctcgctca	gctccggcgg	2040
ttcgctcgtg	c					2051

<210> 7991

<211> 992

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(993)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (86)...(535)

<223> similar to gi3878799 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7991

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ctgtaagggc	gcgacggtgg	aggccgaggc	ggcgctgcag	aacaaggtgg	tggcactgta	180
cttcgcggcg	gcccgggtcg	cgccgagccg	cgacttcacg	ccgctgctct	gcgacttcta	240
tacggcgctg	gtggccgagg	cgcggcggcc	cgcgcccttc	gaagtgggtct	tcgtgtcagc	300
cgacggcagc	tcccaggaga	tgctggactt	catgcgcgag	ctgcatggcg	cctggctggc	360
gctgcccttc	cacgaccctt	accggcatga	gctgaggaag	aggtacaacg	tcacagccat	420
ccccaagctt	gtgatttgtg	aacaaaatgg	ggaggtcatc	accaacaaag	ggcggaagca	480
gatccgggaa	cggggggttg	cctgcttcca	ggactgggtg	gaggcggccg	atatcttcca	540
gaatttctcc	gtttgaagtg	ggagggacct	cagagggcca	ggacaggtgc	tgcttctcca	600
gcaccgacgc	tggggcaaa	aggagcatgt	tgggttcctt	cctctgttgg	tgtgatttca	660
ttgtatttca	gagcagaagc	actaagctgt	ggtcaaaaag	caactattgc	tcaggaaata	720
atacactcca	tattttgatc	atgcaggctg	tttgtattat	agttattttt	gttattcttt	780
gcataccttt	atccacctgt	gcttaaggaa	ggatcctcat	atgttcatac	tgagctggtg	840
gaaatctatg	caagacattt	atgtgtacaa	gtctcttcag	gtaaaataat	atattttattg	900
ataacatttt	ctggcgatct	gtttatttta	atggtatgct	ttcacaacta	tcttaataaaa	960
gtttgcaagc	tgtgtacttt	anaaaaaaaaa	aa			992

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<210> 7992
<211> 1437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (107)...(893)
<223> similar to gi4008517 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tcacttccct gatattgata agaaaattcc tgtaaagctg ttccctctgc ctctcctcta      180
cgttggaaac cacataagtg gattatcaag cacaagtaaa ttaagcctac cgatgttcac      240
cgtgctcagg aaattcacca ttccacttac cttacttctg gaaaccatca tacttgggaa      300
gcagtattca ctcaacatca tcctcagtgt ctttgccatt attctcgggg ctttcatagc      360
agctgggtct gaccttgctt ttaacttaga aggctatatt tttgtattcc tgaatgatat      420
cttcacagca gcaaatggag ttataccaa acagaaaatg gacccaaagg agctagggaa      480
atacggagta cttttctaca atgcctgctt catgattatc ccaactctta ttattagtgt      540
ctccactgga gacctgcaac aggctactga attcaaccaa tggaagaatg ttgtgtttat      600
cctacagttt cttctttcct gttttttggg gtttctgctg atgtactcca cggttctgtg      660
cagctattac aattcagccc tgacgacagc agtggttgga gccatcaaga atgtatccgt      720
tgcctacatt gggatattaa tgggtggaga ctacattttc tctttgttaa actttgtagg      780
gttaaatatt tgcattggcag ggggcttgag atattccttt ttaacactga gcagccagtt      840
aaaacctaaa cctgtgggtg aagaaaacat ctgtttggat ttgaagagct aaagagtctg      900
cagcaggatt ggagactgac ttgtgactgc gggctggggg ggcattccca gtaggaatgt      960
gaagccagag gtttcggatt cgtgacatcc acccctggg caagtgagag catctgcaa      1020
atgcaaagag aactacctca tatgcaggat gagccaatgg cagtctcaag aaatgtactc      1080
gggcgacacc ttacctgtgg aaagcaaatc ttttcaaaat aagccactgg gactcggtag      1140
gtggagcccc agctgctctt ctagggacct atggggcctt cgtggcatct ctgtgctgtg      1200
tgctggggag gaggttgatg taatggtgac tcttttctga tcagcacctt ggccgtgatt      1260
cccaaggtcc cagccaaagc aaagggccag ttgtttcagt ttaaacagac atgtcttttag      1320
tctaataaaa ttagttaact gccagtaaag ttatttgta gctttgatga aagctatgtt      1380
ggtatctttc cctaatacatc aaagtaaata aaaaatcatt tctaaaaaaa aaaaaaa      1437

```

```

<210> 7993
<211> 2048
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (167)...(1159)
<223> similar to gi4884175 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

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<400> 7993
gggagctgga cgagtcgag cgcgtcacct cctcacgctg cggctgtcgc cgtgtcccgc 60
cggccccgttc cgtgtcgccc cgcagtgtg cggccgcccgc ggcaccatgg ctgtgtttgt 120
cgtgtcctctg gcgttggtgg cgggtgtttt ggggaacgag tttagtatat taaaatcacc 180
agggtctgtt gttttccgaa atggaaattg gcctatacca ggagagcgga tcccagacgt 240
ggctgcattg tccatgggct tctctgtgaa agaagacctt tcttgccag gactcgcagt 300
gggtaacctg tttcatcgct ctcgggctac cgtcatgggt atgggtgaagg gagtgaacaa 360
actggctcta cccccaggca gtgtcatttc gtaccctttg gagaatgcag ttccttttag 420
tcttgacagt gttgcaaatt ccattcactc cttattttct gaggaaactc ctgtgtttt 480
gcagttggct ccagtgagg aaagagtgtg tatggtaggg aaggcaaact cagtgtttga 540
agacctttca gtcaccttgc gccagctccg taatcgccgt tttcaagaaa actctgttct 600
cagttcactc cccctcaatt ctctgagtag gaacaatgaa gttgacctgc tctttctttc 660
tgaactgcaa gtgctacatg atatttcaag cttgctgtct cgtcataagc atctagccaa 720
ggatcattct cctgatttat attcactgga gctggcagg tgggatgaaa ttgggaagcg 780
ttatggggaa gactctgaac aattcagaga tgcttctaag atccttgttg acgctctgca 840
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tgtcaagtca tttgacacct ccctcattag gaagacaagg actatccttg aggcaaaaca 960
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gctgttttgt taaaatatat ctttttagtgt gctttaaagt agatagtata ctttacattt 1260
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gaattatagt attgacgtga atcccactgt ggtatagatt ccataatatg cttgaatatt 1380
atgatatagc catttaataa cattgatttc attctgttta atgaatttgg aaatatgcac 1440
tgaaagaaat gtaaacatt tagaatagct cgtgttatgg aaaaaagtgc actgaattta 1500
ttagacaaac ttacgaatgc ttaacttctt tacacagcat aggtgaaaat catatttggg 1560
ctattgtata ctatgaacaa tttgtaaatg tcttaatttg atgtaaataa ctctgaaaca 1620
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agttttggaa ctgtatctga gtaacagagg acagctgttt ttttaaccctc ttctgcaagt 1740
ttgttgacct acatgggcta atatggatac taaaaatact acattgatct aagaagaaac 1800
tagccttggt gagtatatag atgcttttca ttatacacac aaaaatccct gagggacatt 1860
ttgaggcatg aatataaaac atttttattt cagtaacttt tccccctgtg taagttacta 1920
tggtttgtgg tacaacttca ttctatagaa tattaaagtgg aagtgggtga attctacttt 1980
ttatgttgga gtggaccaat gtctatcaag agtgacaaat aaagttaatg atgattccaa 2040
aaaaaaaa
```

<210> 7994

<211> 1870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (323)...(1173)

<223> similar to gi5708202 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7994
tcgatacgac tttttttttt tttttttttt ttccggtagg tcgccagctg aggcgggttg 60
taagtttttg gtcgcagtat gctagaattt tgaggctccc ttctgatgaa aattgagctg 120
tccatgcagc catggaaccc gggttacagc agtgaggggg ccacggctca aggctggagt 180
gcagtggcat gatcttggct cactacaacc tccaccttct gggctcaagc agtcctccca 240
cctgagcctc tcaagtagct gggacttcag gcacgcacca acacaccag aaacttacac 300
atgtccaaaa atgattgaga tggagcaggc ggaggcccag cttgctgagt tagacctgct 360
agccagtatg ttccctgggtg agaatgagct catagtgaat gaccagctgg ctgtagcaga 420
actgaaagat tgtattgaaa agaagacaat ggagggggcg tcttcaaaaag tctactttac 480
tatcaatatg aacctggatg tatctgacga aaaaatggcg atgttttctc tggcctgtat 540
tcttcccttt aaatacccg ggttctgcc tgaaattact gtcagatcag tattattgag 600
tagatcccag cagactcagc tgaacacaga tctgactgca ttcctgcaaa aacattgtca 660
tggagatggt tgtatactga atgccacaga gtgggttaga gaacacgcct ctggctatgt 720
cagcagagat acttcatctt caccaccac aggaagcaca gtccagtcag ttgacctcat 780
cttcacgaga ctctggatct acagccatca tatctataac aaatgcaaaa gaaagaatat 840
tctagagtgg gcaaaggagc tttccctgtc tgggttttagc atgcctggaa aacctgggtg 900
tgtttggtg gaaggccac aaagtgcctg tgaagaattc tgggcaagac tcagaaaatt 960
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aaaagtatct tgccactggt ggcttttga ttttttttcc cacttttttc ttgaaagatt 1260
aagtaatttt atttttagttc cattctagaa tgttggggag tggggcacia gaaaaaatag 1320
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ttacaacctt aaaattgttg ttagatattt ccttcacatt accagctgcc ccattttgaa 1440
aaagaaatta tcccataaag gtaatgttgg tgctccaaat ttgccagcc cattccccaa 1500
cccccttct ccccttacct gcccttcacc taaagaaccc cagaaaagct aattgctccc 1560
cctttcagcc tctgttgcaa ctaacaactc tcagtggcct caggacacag ctttggcctt 1620
ggggaattct gggaaaactt ttacttcctg attaaagata catatgcagt taggccacct 1680
cctccccccc ttactgccat aaacaccaa gtgatgactg gagctggagg agttatttga 1740
accacgacgg aagggccaag agaaccacga agatgccagt tgccacattg ttgagctgct 1800
gaccaaacac cagccattgc ctgtctctaa acatcttatg aaataaaacc agttttgttt 1860
aaaaaaaaaa 1870

```

<210> 7995

<211> 5449

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5450)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (226)...(1124)

<223> similar to gi3413926 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7995

aggaaccaag	cccccaacat	ggccggccccg	gcggaggagc	ggatggctga	ggaaggaggc	60
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ccgcccgcgc	cacagcacc	gcagccgggg	tcccaggcgc	tcccagcccc	cgcgctggct	180
ccggaccagc	tgctcaaaa	caacacgctt	gtggcgctgc	ccatcgtagc	catcgagaac	240
atcctcagct	ttatgtccta	cgacgaaatt	agccagctcc	gcctggtttg	taaaagaatg	300
gacttggtct	gccagagaat	gttgaatcag	ggatttctga	aagtggagag	gtaccataat	360
ctatgtcaga	aacaagttaa	agcacaactc	ccaaggagag	agtcagaaag	gagaaaccat	420
tcattagctc	gtcatgcaga	cattcttgct	gctgttgaaa	caaggctgtc	actattaaat	480
atgactttca	tgaaatatgt	ggattccaat	ctctgttgct	tcattcccagg	aaaggtgatt	540
gatgagattt	atcgtgtgtt	gagatatgtc	aattctacca	gagccctca	acgagctcat	600
gaagtacttc	aagaattaag	ggatatatcc	tctatggcaa	tggagtactt	tgatgaaaag	660
attgttccaa	ttttaagag	gaaattacca	ggatcagatg	tttctggaag	actcatgggc	720
tctcctccag	ttccaggacc	gtctgcagcc	ctaacaacaa	tgcagctctt	ctccaagcaa	780
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cagcttcaag	accaggacca	gaaactgcta	gagcagaccc	agatcatagg	tgaacaaaat	960
gcacggttgg	cagagctaga	acgcaaacta	cgagaagtaa	tggaaagtgc	tgtaggaaat	1020
tcctcagggt	ccgggcagaa	tgaggagtct	cctcggaac	gaaaaaggc	cacggaagcc	1080
atagactctc	ttaggaaatc	taaacgtctt	cggaaatagaa	agtaaattgg	aatgtggttc	1140
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agcaacatgg	tgctccctaa	gcttctaggc	tttcagaaca	caacttaaac	ttgaactctt	1260
atggttgga	cattcttttc	ctgcttctcc	tgattgaact	gatgcacaga	atctttttac	1320
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taagatttga	agccaggaat	aaaaggcagt	ctgaaagaaa	acgtcctata	cgatgcagtt	4800
gtttggaaat	ggctgatttc	tgatatgaaa	cccaacttga	tacactgttt	ggttctttga	4860
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ctggaatttt	aattgttata	accgaatcaa	ttattggaaa	gtgaaaaaca	cctcccggtc	5400
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<210> 7996

<211> 1470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(1471)

<223> similar to gi5042232 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7996
cgccccgggca ggtgagaaat tggagaagat aaaactggac actgggggaga ccacaacttc      60
atgctgcgtg ggatctccca gctacctgca gtggccacca tgtcttgggt cctgctgcct      120
gtactttggc tcattgttca aactcaagca atagccataa agcaaacacc tgaattaacg      180
ctccatgaaa tagtttgtcc taaaaaactt cacattttac acaaagaga gatcaagaac      240
aaccagacag aaaagcatgg caaagaggaa aggtatgaac ctgaagttca atatcagatg      300
atcttaaatg gagaagaaat cattctctcc ctacaaaaaa ccaagcacct cctggggcca      360
gactacactg aaacattgta ctacccaga ggagaggaaa ttaccacgaa acctgagaac      420
atggaacact gttactataa aggaaacatc ctaaatgaaa agaattctgt tgccagcatc      480
agtacttgtg acgggttgag aggatacttc acacatcatc accaaagata ccagataaaa      540
cctctgaaaa gcacagacga gaaagaacat gccgtcttta catctaacca ggaggaacaa      600
gaccagcta accacacatg tgggtgtgaag agcactgacg ggaaacaagg cccaattcga      660
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gatctctatt tgggtgctgga taatgccttt tataagaact ataatgagaa tctaactctg      780
ataagaagct ttgtgtttga tgtgatgaac ctactcaatg tgatatataa caccatagat      840
gttcaagtgg ccttggtagg tatggaaatc tggctgatg gggataagat aaagggtggtg      900
cccagcgcaa gcaccacgtt tgacaacttc ctgagatggc acagttctaa cctggggaaa      960
aagatccacg accatgctca gcttctcagc gggattagct tcaacaatcg acgtgtggga     1020
ctggcagctt caaattcctt gtgttcccca tcttcggttg ctgttattga ggctaaaaaa     1080
aagaataatg tggctcttgt aggagtgatg tcacatgagc tgggccatgt ccttggtatg     1140
cctgatgttc cattcaacac caagtgtccc tctggcagtt gtgtgatgaa tcagtatctg     1200
agttcaaaa tcccaaagga tttcagtaca tcttgccgtg cacattttga aagatacctt     1260
ttatctcaga aaccaaagtg cctgctgcaa gcacctattc ctacaaatat aatgacaaca     1320
ccagtgtgtg ggaaccacct tctagaagtg ggagaagact gtgattgtgg ctctcctaag     1380
gagtgtacca atctctgctg tgaagcccta acgtgtaaac tgaagcctgg aactgattgc     1440
ggaggagatg ctccaaacca taccacagag                                     1470

```

<210> 7997

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (72)...(419)

<223> similar to gil200085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7997
tcagccggac accagaagac aagcagagag actcctccag acccactcag accacgtgca      60
cgccctccaa gatggatatc cgtaaggctg tggctgctct gctgggtgggt catgtagctg     120
ccatgctggc ctcccagacg gaagccttcg tccccatctt cacctatggc gaactccaga     180
ggatgcagga aaaggaacgg aataaagggc aaaagaaatc cctgagtgtg tggcagaggt     240
ctggggagga aggtcctgta gaccctgcgg agcccatcag ggaagaagaa aacgaaatga     300
tcaagctgac tgctcctctg gaaattggaa tgaggatgaa ctccagacag ctggaaaagt     360
acccggccac cctggaaggg ctgctgagtg agatgcttcc ccagcatgca gccaaagtgt     420
ggccacgctg gggagaaggt ggacagattt gggaggcccc tcctgcccaa gtgaggccct     480
gggaatttac agagcctgcc agctgggctt ggaagggaaa caccctttcc aaagcaaatt     540
cccctccagc aaataaagca tgaaatatac ag                                     572

```

```

<210> 7998
<211> 5271
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (179)...(3473)
<223> similar to gi34366 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7998
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gatggatatt tacgtatggt tgaacgacc atcctggatg gtggacaata aaagaatgag      240
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cttgaatttg tctgctgatt tctcaacctc tacattatac ctaaagtgga acgacagggg      660
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gaagaacatt tcttggtatc ctgattctca gactaagggt tttcctcaag ataaagtgat      960
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tcgtaatat tctgtttctg caagtagtgg aacaaatgta gtttttacia ccgaagataa     1140
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gtatggatgc	agaaatcaag	gatatcaatt	attacgctcc	atgattggat	atatagaaga	2340
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aatttggaa	gaaatgcaat	tcattttgta	catacatagt	atattaaaac	tatataatag	5220
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<210> 7999

<211> 3102

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (316)...(835)
 <223> similar to gi3970850 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7999

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ccgtgttgt	ttgtgggttc	cagcttcctg	gggcctggaa	ctttccctga	gtccttccca	360
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taccagtctg	acattcccag	cagcctcctg	acttcagaga	agtctaccgc	ctgcctccca	480
agccagatgg	caccagcagg	tcacctggac	cccactcaca	atcctggggac	cccaggacta	540
cacacctcca	accttggggc	ccctccaggt	cccagctgc	accattcaaa	ccctccccc	600
gcgtcccggc	agtccttggg	ccaagcgagc	ttaggacct	cgggtgaact	ggccttcagt	660
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tgctccatca	caaacacctc	tcagaaacaa	cgtgggatga	aaaagcaaga	cagttcatac	3060
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<210> 8000

<211> 1746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (116)...(968)

<223> similar to gi31647 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8000

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<210> 8001
<211> 1849
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1676)...(148)
<223> similar to gi473407 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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aaaaattctt gatttctcta aaacactaag atgctatctc aatagagatt gcttcacatt      180
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gtctggcaac atcttctggg ttaacaaatt ttgtttcttc tccagtatct atttcatatc     1380
gtaatttccc atttttttca atgactaaac atttactttc cgcgatgtat ttctgagctt     1440
gtggatcact ggagcttctg ccagggatct gctttacttt cattactgta tttgaaatat     1500
ttcttattct actttgtttt gctgccaatc caacaatctc ttcattttct gagtaagcaa     1560
caacagctgg agtaactcgg tcaccggcat catttgcaac cacaccagcc cggccatcct     1620
tatagacggc cacacaggct gaggtgcagc ccaggtgaac tccgatggcc gccatgaggc     1680
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caacggcccc atcaggcacc gcggagcttc acgttccgcg cagccccctg cgtccggctg     1800
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<210> 8002
 <211> 2095
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (852)...(1078)
 <223> similar to gi406263 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8002
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gggcatgccc agcagccctt cccagctgta agtccacaca gccccatca atgtgccatc    120
tggggcaggg cgaggaccgg ccctggctgc cctcactgat ggctggagcc ccgatgctag    180
ctacaatggc tggcttgagt ggacttctgt cacagaggca aatgcccaca gggcacctct    240
tggggcaggg agggagcttg tatgtgccat ctggggccaa agctccacga ttgagtcata    300
agttaagggg agatggagat ttccgcctt gagcagaaac gtggaggaaa cacgcctggt    360
gtgtgactca cgcctgtaat cccagcactt cgggaagccg aggtgggcgg atcacctgag    420
gtcaggaggt caaaaccaac ttggtcaaca tggtgaaact ctgtctctac taaaaacaca    480
aaattagatg gctgggtggt gcacgcctgt aatcccagct gacggctgga gccccgatgc    540
tagctacaat ggctggcttg agtggacttc tgtcaggaga attgcttgaa ctcgaggagt    600
ggaagttgca gtgagccaag atcgtaccat tgcgtcttag tctgggcgac aagagtgaag    660
ctcctcctca aaaaaagaaa ataagagaaa agagaagaga agaggaaaaa gaaaagaaga    720
aaagaaacaa cccttgcaat tccccggcca ctcccagag ccagttaggc caccaggtgg    780
gctggggcta gaccggctg cgggcggggc acagagggac taatggccac cacttctctc    840
catcctgcag gcagctgcca gaccggcca tcgaggacca ggggtggggag tacgtgcagc    900
ccatgctgag caagtacgag gctgtgtgag tgcgtgccc tggctacggc accagaacca    960
acactatcat cctggtagat gcggacggcc acgtgacctt cactgagcgt agcatgatgg   1020
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acctctgggc ctggccagtg ggctcctggg gggccctgcc ttgaggggca ctgtggacag   1140
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cagggccctg tggtttgctt gttacccatc tgtgtcccca tgcccagttc agggctctgc   1260
tttatgccag tgaggagcag cagagtctga tactaggtct aggaccggcc gaggtatacc   1320
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cacacataca ctctgcgtg tgcacaagca cacacatgca aggcataac atggacaccg   1440
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gacacacaca cacaggtgca cacacacgat gccgaacaag gcagaagggc gactctcacc   1560
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aagcagacct gctcctgcag aggagacagc cacatttgga attgggcacc gagaagacct   1740
gagaaaaacc cactctctct tttttttttt tttgagacgg agtttggtc ggcccccccg   1800
gcgggagggc aggggcccac tttgggttaa cggaaccccc ggcccccaag gttaaagaaa   1860
ttctccggcc ccaccccccg gataattggg attaacgggg gggggcccc tgccccagct   1920
atttttgggg tttaagaaa aacgggggtt cccctgggg ggccggggcg gcttgaaccc   1980
ccggaggggg gaaccccccg gcctggggcc cccaaagggc ggggtttaca ggggggagcc   2040
cccaccccg gccaataaac ccctttctat aacaaaagg ccaacttttg ggtaa       2095
  
```

<210> 8003
 <211> 2095


```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1345)...(360)
<223> similar to gi5817192 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8003
tttttttttt ttgacacaat aacaaacacc tatttattat attaaatacc aggcctggaa      60
atattaaggt accaaattac cagattccca agaaattaca tttcacatcc caaaatgtcc      120
tggttggtgct ttgacaacta aaacaatggt ttagaaagat tttgtttcag atccgtaaaa      180
aatagcaaca atttggggga taaaaataag taaaatccaa aaacttcaaa agttttattcc      240
aaattctttt gaatccttat ggtgggctgt aaaaccagtt tttaaatgct catagcttca      300
gggatggggg agtatcacag tttatatgaa tttctgccta ggggaagcca gcaatgttac      360
acagtagttt cgtgtttcca taatccagtc ctaacattgc cagtgtctatc ggtaccgagc      420
aagggtccct cctgcccatt gcttttaatt ggtccattct gaatggccaa gttgaggcca      480
taagattttt gctgattttc aagttcaacc acagctggct tccttaacgc atctttttta      540
ctagtgggtg aaactggctt ttcaaaattt ctgctacttt tgggaagtgt gctacaagca      600
tcgctgctgt cttgctgggg tgggttgtag tgtctctctc tgtaggctaa ataagctctt      660
cggtcctcag agtgtccttc gttattgccc agccggcttt taggtaagcc gttctgcacg      720
cttccttcca cgctcggttg gacatcgtag gcatattctc tcaggactgt gagtcggctt      780
gcccgggtgtc ctttacttct gtttttatgg tggcggcttg agtgcacatt tgttcgaaac      840
tgaacttcta aaggcgccac gtgcatttta atatcattgt ccattgaatg ttctgtcaga      900
ctattatcaa gctgaggggt ggagttcaaa ggtaaagaat tggcatggca ctgagctgca      960
gccgcctgca agtttggttaa tttgcagccc tgggaggaat ttttgaagct tgaagcactt     1020
ttgtttgtgc atgaagactc cgcactgcta ttggggcatt tgggtgcctc tccattcgctc     1080
ccattagagt tggggggctg gacgttgact tgcactgaat acgagctccg tcctgggcag      1140
caagtcatga tccacgcaag tctaacatcc tcctatttaa cacaatggtg gaccacgaag      1200
aacgcaactga agcttaaact tgtggctcca aaaacgaagc taaaaaccaaa gtccaaaggg      1260
taatacaaaag aaacagccaa agccccaac atccacagtg caacatataa gagcaaagta      1320
aggctggccc ccaagagctg agaatgaaaa gtgtgctcat tttccaaggc tgatgtagaa      1380
atcagagaca aagacattga atcctgatga tttatttcgc cattttcatt ggctgccaat      1440
ctctgttgct cctcogtggt ctccttaagc tcataattgc gctcaggggtg tcttttcaac      1500
tgaataaata tgctcagaaa gtacatgcag tttacaaaag tgatgaagct ggctggccca      1560
tagaaggctc ccaaggaggg ttcccatgcc atccaggcaa taggggtgcgt ttggccgact      1620
gccgtaattc ttaatgttcg ctgctgcagt tatgcccga aacaatgatg gggataccca      1680
cccaccaatc aggtaaaatc tgagcattgg tcttggtgga ggtgggtggt catcaggatc      1740
ctggcatctt ttagcttttt tagtgacttg tttgtagata tttcgagctg tcactcctac      1800
ccatagtact gtggcaaggg tgggaatagt aagaattatc ccaactgctt ggcagatgct      1860
ggcattccta gtctgggtta ttcctccac aaagaccaca caggtttaga aaatatgaaa      1920
gcacaagttc acaagcatgt gccagctctt gaggctgatt ctaatcaaac tgtgatggta      1980
tatgtaactg acaatgacgg ctaagagaca taagaggaga atgatagcgg tagtataaac      2040
cacaggatgc aggaggctgg ccgcctgggt gtatagttca gatcccgtcc tgttc      2095

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```

<210> 8004
<211> 5534
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (276)...(1865)
 <223> similar to gi5689499 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8004

ccacccacgc	gttcgcggac	gcgtggggtt	ggctcagttt	tggggttatc	caaggctatg	60
tcatgcaaaa	agaggaatat	gacctatcac	acagttcgtg	ctgcatttag	tttcatattt	120
tgggactcag	atctgtgaaa	gatacagata	agaggtgttt	gttttatttc	ttttttcctt	180
aaagcgcttt	acttcttttc	tagattggcc	aggagaaaca	ggagctgttc	agaaaggaca	240
cagaactact	cgccctgcag	acaaagctag	aaacactcac	aaaccagttc	tcagatagta	300
aacagcacat	tgaagtgttg	aaggagtcct	tgactgctaa	ggagcagagg	gctgccatcc	360
tgcagactga	ggtggatgct	ctccgattgc	gtttggaaga	gaaggaaacc	atgttgaata	420
aaaagacaaa	acaaattcag	gatatggctg	aagagaaggg	gacacaagct	ggagagatac	480
atgacctcaa	ggacatgttg	gatgtgaagg	agcggaaggt	taatgttctt	cagaagaaga	540
ttgaaaatct	tcaagagcag	cttagagaca	aggaaaagca	gatgagcagc	ttgaaagaac	600
gggtcaaadc	cttgaggct	gacaccacca	acactgacac	tgcttgaca	actttggagg	660
agggccttgc	agagaaagag	cggacaattg	aacgcttaaa	ggagcagagg	gacagagatg	720
agcgagagaa	gcaagaggaa	attgataact	acaaaaaaga	tcttaaagac	ttgaaggaaa	780
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<210> 8005
 <211> 2632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2540)...(1999)
 <223> similar to gill107703 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8005

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tgactacgct	gtatttcaca	accgagccct	agcgccagct	cagcacccta	cgctcaggaa	240
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gtcttttatg	aataaacaat	acaaagtcca	attttgatgg	ctgctataaa	atacttagga	360
atctctgcaa	tactttacta	caaatacaaa	tgcccaagag	gtcagggaaa	tcagcctgaa	420
gaactgggta	caggttctat	tctttgtgga	aatttcagcc	taggaatggt	attcccggta	480
cagatgtaca	cagtcaaaaa	ggcttatcga	gctgtttgac	gagttcttga	agtgttctgg	540
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tttttaaaaa	ggtttagcta	ttccccaatg	ctatttaata	caattgaggt	taggacgtta	1440
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ccccgactac	cgacatggtg	atgatcagcg	cctcaaagtt	cacccaacaa	actccccagc	2280
gtgcagagct	caattttacaa	agggaagccg	gtggcaagac	gcttgtaact	gggtagtcca	2340
gacaagcctt	gttagtgttg	caccaaagac	aggagacgtt	cttcaggcac	tcttcacagg	2400
ttttgtttgt	gttctgagaa	caagcagctc	cgggaggctc	ctgcgcggcg	gccaccggga	2460
tgagcagcag	gagcagcgcg	gcgccaccga	ggcgcaacct	ccagtacggc	gtcggccccg	2520
gggccactcc	gggcgccatg	gtcggccggt	cgctctatca	gtcagtggag	cgttacaact	2580
ccgactccag	cacaagcggt	ctccggacgc	gtacgtaagc	ttggatcctc	ta	2632

<210> 8006
 <211> 1663
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (53)...(1266)
 <223> similar to gi469466 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8006

gcctcgaatt	cccgggtcga	cgatttcgtc	tcccttggtc	ctgggtgctgg	tgggtggctgt	60
gacagtgcgg	gcggccttgt	tccgctccag	tctggccgag	ttcatttcctg	agcgggtgga	120
ggtggtgtcc	ccactgagct	cttggaagag	agtgggtgaa	ggcctttcac	tggttgactt	180
gggagtatct	ccgtattctg	gagcagtatt	tcatgaaact	ccattaataa	tatacctctt	240
tcatttccta	attgactatg	ctgaattggg	gtttatgata	actgatgcac	tcactgctat	300
tgccctgtat	tttgcaatcc	aggacttcaa	taaagttgtg	tttaaaaagc	agaaactcct	360
cctagaactg	gaccagtatg	ccccagatgt	ggccgaactc	atccggaccc	ctatggaaat	420
gcgttacatc	cctttgaaa	tgccctgtt	ctatctctta	aatccttaca	cgattttgtc	480
ttgtgttgcc	aagtctacct	gtgccatcaa	caacaccctc	attgctttct	tcattttgac	540
tacgataaaa	ggcagtgcct	tcctcagtgc	tatttttctt	gccttagcga	cataccagtc	600
tctgtaccca	ctcaccttgt	ttgtcccagg	actcctctat	ctcctccagc	ggcagtacat	660
acctgtgaaa	atgaagagca	aagccttctg	gatcttttct	tgggagtatg	ccatgatgta	720
tgtgggaagc	ctagtggtaa	tcatttgctt	ctccttcttc	cttctcagct	cttgggattt	780
catccccgca	gtctatggct	ttatactttc	tggtccagat	ctcactccaa	acattggtct	840
tttctggtag	ttctttgcag	agatgtttga	gcacttcagc	ctcttctttg	tatgtgtgtt	900
tcagatcaac	gtcttcttct	acaccatccc	cttagccata	aagctaaagg	agcaccccat	960
cttcttcatg	tttatccaga	tcgctgtcat	cgccatcttt	aagtcctacc	cgacagtggg	1020
ggacgtggcg	ctctacatgg	ccttcttccc	cgtgtggaac	catctctaca	gattcctgag	1080
aaacatcttt	gtcctcacct	gcatcatcat	cgtctgttcc	ctgctcttcc	ctgtcctgtg	1140
gcacctctgg	atztatgcag	gaagtgccaa	ctctaatttc	ttttatgcc	tcacactgac	1200
cttcaacgtt	gggcagatcc	tgctcatctc	tgattacttc	tatgccttcc	tgcgggcgga	1260
gtactacctc	acacatggcc	tctacttgac	cgccaaggat	ggcacagagg	ccatgctcgt	1320
gctcaagtag	gcctggctgg	cacagggctg	catggacctc	agggggctgt	ggggccagaa	1380
gctgggcaa	gcctccagc	cagagttgcc	agcaggcgag	tgcttgggca	gaagagggtc	1440
gagtcagggg	tcacaagtct	ctggtaccaa	aagggaccca	tggtgactg	acagcaaggc	1500
ctatggggaa	gaactgggag	ctccccaact	tggaccccca	ccttggtggc	ctgcacacca	1560
aggagccccc	tccagacag	gaaggagaag	aggcaggtag	gcagggcttg	ttagattgtg	1620
gctacttaat	aaatgttttt	tgttatgaag	tctaaaaaaa	aaa		1663

<210> 8007
 <211> 1502
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (963)...(1388)

<223> similar to gi5912212 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8007

```
gggtgaaccc ttcatcctgg gtcttttaat ttctcaggcg gaacgagtgg cggcggacag      60
aggttttttg ctgcgctgtc tgtgggttgt ctgggcttgg ggaactgggc acggagaccg     120
tggcgcgggc cgccggtcat acagctctgc ttccagtcgt cgggcaaaaa gctgaggcgc     180
ttctccttta attgcggtgg gcggggcggtg ccgacgcggc ccgcgttgct attggtggcc     240
gttggggggcg cggaaactga acgggcccga acggccaccg cagctgccat cggcgccgcc     300
agccccgcca tggctgcgcc ctgcgcggag gaccctcgc tggaaaaggca ttttaagggc     360
caccgagatg cagttacctg tgtggacttc agtatcaaca caaagcagct ggccagtggg     420
ccatggactc atgcctcatg gtctggcaca tgaagctgca gtcacgcgcc taccgcttca     480
ctggccacaa ggatgccgtc acctgtgtga acttctctcc ttcgggacac ctgcttgctt     540
ccggctcccc agacaagact gtccgcatct gggtaaccaa tgtcaaaggg gagtccactg     600
tgtttcgtgc acacacagcc acagtgagga gtgtccactt ctgcagtgat ggccagtect     660
tcgtgacagc ctctgacgac aagacagtca aagtgtgggc aactcatcgc cagaaattcc     720
tgttctccct gagccagcat atcaactggg tccgctgtgc caagttctcc cccgacgggc     780
ggctcatcgt gtctgccagt gatgacaaga ctgttaagct gtgggacaag agcagccggg     840
aatgtgtcca ctctgattgt gagcatggcg gctttgtcac ctatgtggac ttccaccca     900
gtgggacgtg cattgccgct gccggcatgg acaacacagt gaaggtgtgg gacgtgcgga     960
ctcaccggct gctgcagcat tatcagttgc acagtgcagc agtgaacggg ctctctttcc    1020
acctgtcggg aaactacctg atcacagcct ccagtgcact aaccctgaag atcctggacc    1080
tgatggaggg ccggctgctc tacacactcc acgggcatca gggaccagcc accactgttg    1140
ccttttcaag aacggggggag tattttgctt ctggaggctc tgatgaacaa gtgatggttt    1200
ggaagagtaa ctttgatatt ggtgatcatg gagaagtcac gaaagtgccg agggccccag    1260
ccacactggc cagctccatg gggaatctga cagtctccat tctggagcag cggttgacac    1320
tggaagaaga caagctgaag cagtgtctgg agaaccagca gctaatacat cagagagcaa    1380
caccatgatc aggggagcag gaatcaggag ctcggtggat ttgcaggtgg caggccaggg    1440
atttgtacca tgggacttgg gtaaataaag gggactgaac tctgtgggaa tcacatccat    1500
aa                                                                    1502
```

<210> 8008

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (745)...(323)

<223> similar to gi5880865 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8008

```
tttttttttt ttaagaagca acatgtgtat tattaaatta tttgtcagaa tttccagaat      60
cagagtctct actgggcaag tagaaaaata gaaaagttaa ctactttgaa aaggaaacta     120
tgacaaacaa gtatatattc aggaaagga ctcctagaac ttgagcaaca aaaaagagtt     180
```

caacctcggc	acagtggagt	ctgcagtgtc	tccgcaacaa	cagaaatgaa	cttgtgttcc	240
tcacatcctt	gagagtcgag	gtttgcattt	ctctacagag	ctagggctga	atgaagcaaa	300
gagacctctg	ccacccccac	tagctggccc	agtcctggaa	gcggaagcag	tcacttgcca	360
tcttccacac	tgtgttgctg	ggtgaggcct	ggcggtcag	gatgaagtcc	tggttgaagt	420
cccgttgttt	gttccccctca	aacttcactg	atccacagat	gacaacaagg	accgtggtct	480
ggcttggtgt	ggcttcatca	tgaacaggct	ggcagtctac	cacgctgatt	tggaaactcgc	540
tggaaggcaa	catttcaaaa	aactcactca	aggattcttg	tcctgaaaca	gcattgccat	600
tccagaccag	ggtggctgtg	cccatgtaca	ggcgggacag	caaacgccgc	cgcttatcca	660
tgggtggtgta	gtagacattg	acaaactcct	cagcagctct	gcaggcctga	tccacatagg	720
tcttgaaatc	cacagatgcc	atctctggtt	ctatggaagg	agggctccac	cagggtatatt	780
cctctgcctt	ggggaaccag	gggctgcgcg	gcgacgtcca	gggtcagcgc	gggccgcggc	840
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gtcacaaggt	gggccaccg	aagcctctgg	taggggcacg	ggaagagccg	cctttctctc	960
ctcctcctcc	ttcttgagg	cttactctgg	gtcaccgggg	ccccagagcc	gggggacttt	1020
ccggcgagcgt	tccgcggctt	ccgcgcgcgc	gc			1052

<210> 8009

<211> 4558

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4559)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (167)...(2007)

<223> similar to gi458255 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8009

gggttcagta	gtttgggaag	ggagctgggg	gaggcagtg	cggtcggagt	aggtaggcga	60
gtaaaaggag	gaggaagggc	tggggagaag	agcgaggctg	tagcggtgc	ctgttgagg	120
aggaagaggt	ggggggtgtg	gaggagggg	aggagagaga	gatgacatgg	ggagaggagg	180
aggggggttg	gacgtgggag	gaggaggaga	gggtcagagg	gaccgtctgt	cgcgggacgg	240
gctggccagc	tggggcgcg	agcctggagg	aggaggcagc	ggcagcggca	gcagcagccc	300
tccgagcagc	agcagctgca	gcagcagaaa	caagtaccag	ccacaaagcg	gctcctctgg	360
cccaagcagc	cacagtcccc	ccgccgcgat	ggcgctgcaa	agccaggcga	gcgaggaagc	420
aaagggggccc	tggcaggagg	cagaccagga	acagcaggag	ccggtgggta	gcccagagcc	480
ggagtctgag	ccggagcctg	agcccagacc	cgagcccgtg	ccagtgcgcc	cgcccagacc	540
ccagccggag	ccccagcccc	taccggaccc	cgcacccctg	ccggagctgg	agttcgagtc	600
cgagcgggtg	cacgaaccgc	agcccacgcc	tacggtagag	acccgcggca	ccgcgcgcgg	660
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ggaaaaggaa	aaaaatcgcc	aagtggagtt	ccaagcagca	tgggtcggag	ccctcgcgat	840
gggtatgatc	ttcttctgtt	ctcccattgt	gagtatattc	actgaccgtt	tgggctgccg	900
aatcacagca	accgcggggg	ctgccgttgc	tttcattggc	ctccatacca	gctccttcac	960
cagctcccta	agcctgcgct	acttcaccta	cgggattctc	tttggttgtg	gctgttcctt	1020

cgcttttcag	ccatccctcg	tcctcctggg	ccactacttt	caacgccgcc	tgggtctggc	1080
caatgggtgtg	gtgtctgctg	ggagtagcat	tttctccatg	tccttcccct	tcctcatcag	1140
aatgctgggg	gataagatca	agctggccca	aaccttccag	gtgctgagta	ccttcatggt	1200
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tcttgtgtca	ggccacatca	gtgactccat	ccctggactt	aagaagatct	acttgcaggt	1560
cctttccttc	ctgctcctgg	gcctgatgtc	catgatgatt	cccctgtgcc	gggacttcgg	1620
gggccttatc	gtcgtctgtc	ttttcctggg	cctttgcgat	ggcttcttca	tcacctcatc	1680
ggccccatt	gcatttgagc	tgggtggccc	aatgcaggcc	tcacaggcca	ttggctacct	1740
cctgggcatg	atggccctgc	caatgattgc	tgggcccccc	attgcaggcc	tactccgcaa	1800
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ctcccccaac	cctgaggaac	caatctaata	cctttcttgc	cattgtgtgc	cctttcccag	2040
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ccagacctgc	gcacacagca	tttcagccac	ctgacaatct	ccttggagtc	aaagctccag	2160
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ggcaggggagg	caaaatgaga	caagtagcct	tggtagtct	tagagttgct	gatgactgtg	2520
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gacacgagct	gccatggcgg	gaggaggggc	agtagttatt	gatatggtga	gccccatctc	3060
tcagttttca	tgacagggtct	atatttctac	ctggggccagg	ccaggaaaga	gactatttaa	3120
gaaaaaaaaa	atcaattcct	agcctggatc	ccaaaaagg	acaggcagca	gttgacata	3180
gggttggaaa	atttcttttg	ggaaggggaa	gccatcccag	cctttaccac	ccaatgtgtc	3240
tcccatgctg	ggcatcctag	gccactttgc	ttagagggca	ttaaagggtc	catgaaagg	3300
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caccctttca	tcactttttt	gccaggcatt	cctggctgtc	acttggagcc	aacagtaact	3600
tgccacctta	aggcagggtc	atccccgggc	caggaggatg	aggttgtcct	gaggggctcc	3660
aaagaagaca	atagttccca	ctcatgattt	tccgttacaa	acaggcagct	ggggcatggt	3720
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tgggccctag	gagccctgta	actcccagga	gagaccactg	aaaatactgg	agcaacaatg	3960
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atggtgggat	atcaatttac	ttcttcacaa	catgtggttg	tgcacatgtg	agcttgtgtg	4200
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agcctcttat	gcaccacagt	taaatctaga	acgaacaaaa	tttcagagct	caagacatgg	4320
gacatttaaa	tcctcaagga	gtttggaaca	aaataaacag	atctaaaaat	ttggtttggg	4380
tatgtatgtt	gcctacaagg	aagaaatagt	cttaacctga	ttaatagcag	aaagttagac	4440


```

ttcagagctg aagtctcctt tcaaatacaa tttctgccag gttctatgct ctctgtgaga 4500
gcagacatta naaaaagagc tatatagggg tttggagttg gttgactatt tgagattg 4558

```

```

<210> 8010
<211> 1376
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (571)...(810)
<223> similar to gil620100 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8010
cggacgcgtg ggaagcaagt tctccttgaa aacagcctgc attgagcccc caaaagtaag 60
cctgtcctag agccccctgac acccccactt ggggtctcctc gacctcgaga tgctagaagt 120
tttacccttg ggcgaaggaa cacagctcca tctcctgggc cctctgtgat tcgccgaggc 180
cgcaggcagt ctgagccggt gaaggaccct tatgtcatgt tcccacagaa cgctaagcct 240
ggattcaagc acgctggcag cgaaggggaa ctctaccctc cagaatctca gccaccagtt 300
tcaggctctg caccctctga ggacctggag gatgctggac ccccaacact ggaccctct 360
gggacctcaa tcaactgaaga aatcctggaa ctgctgaatc agcaggcct tcgagatcca 420
gggccgtcca cccatgacat tcccaagttc cccggagact cccagggtgc tggcgacagc 480
gaaaccctca cattccaagc cctgcccagc cgggactctt cagaagagga ggaggaggaa 540
gaggaagggc tggagatgga tgaacggggg ccttccccac tccacgtcct ggaagggctc 600
gaaagttcca ttgcagctga aatgccagc attccctgcc ttaccaaaat tcctgacgtg 660
cccaaccttc ctgaaattcc cagccgctgt gaaattcccg aaggttctcg ccttcctagt 720
ctctctgaca tttccgatgt ttttgagatg ccctgccttc cagccatacc tagtgtcccc 780
aacacccccca gtctgtctag cactcccacc ctctcctgtg actcctggct ccaagggcct 840
ctgcaggaac cagctgaggc tccagccacc aggagagaac tgttttctgg gagcaatcct 900
gggaaactgg gagagccgcc ttcaggaggc aaggcagggc cagaggagga tgaagaaggg 960
gtatcattca cagacttcca gcccaggat gtcacccaac atcagggatt cccagatgag 1020
ctggcattcc gctcttgctc agaaatccgg agcgctggc aggcattgga acagggacag 1080
ctggcccggc caggcttccc agagccactg ctgacctgg aggattcgga tctgggtgga 1140
gacagcggga gcgggaaggc aggagcccc agttcagaaa ggacggcgtc ccgagtgcga 1200
gagctggccc ggctttacag cgagcgatc cagcagatgc agcgggcgga gactcgggca 1260
tcagccaatg ccccgcgccg ccggcctcgg gttctggccc aaccccagcc atccccctgt 1320
ctgccccagg agcaggcaga gccagggctt ctgcctgcct tggacacgtg ctgggtt 1376

```

```

<210> 8011
<211> 2586
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (156)...(2451)

<223> similar to gi509241 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8011
tttcgtccct tctactctgg gcggttagaa agtcgtagt cgttcacctc tcagccttcc 60
tgagtgggaa ctggtatgtc ttccaaaggg tgaggtagt ttgaccccg gttgcccggc 120
cagcacgacc gaggaggtgg ctggacagct ggaggatgaa cggagaagcc gactgcccc 180
cagacctgga aatggccgcc cccaaaggcc aagaccgttg gtcccaggaa gacatgtctg 240
ctttgctgga atgcatgaag aacaaccttc catccaatga cagctccaag ttcaaaacca 300
ccgaatcaca catggactgg gaaaaagtag catttaaaga cttttctgga gacatgtgca 360
agctcaaatg ggtggagatt tctaattgagg tgaggaaagt ccgtacattg acagaattga 420
tcctcgatgc tcaggaacat gttaaaaatc cttacaaagg caaaaaactc aagaaacacc 480
cagacttccc aaagaagccc ctgacccctt atttccgctt cttcatggag aagcggggcca 540
agtatgcgaa actccaccct gagatgagca acctggacct aaccaagatt ctgtccaaga 600
aatacaagga gcttccggag aagaagaaga tgaaatatat tcaggacttc cagagagaga 660
aacaggagtt cgagcgaaac ctggcccgat tcaggaggga tcaccccgac ctaatccaga 720
atgccaagaa atcggacatc ccagagaagc caaaaacccc ccagcagctg tggtacacc 780
acgagaagaa ggtgtatctc aaagtgcggc cagatgccac tacgaaggag gtgaaggact 840
ccctggggaa gcagtgtctc cagctctcgg acaaaaagag gctgaaatgg attcataagg 900
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caccccaggg cagccaggga gagcccagga gctccctcc ccaactgacc acctttgttt 2520
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aaaaaa 2586
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<210> 8012
 <211> 4239
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (314)...(2036)
 <223> similar to gi3882171 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8012
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aaaaggttgt aatgggagag ttgttcctac tgatgggggc agatatgatg ttcatattggg      180
ggagagggatg cggtatgctg tatactggga tgaactggca tcggaagtga gacgatgtac      240
gtggtttttac aaggggggaca aagacaataa gtatgttccc tactcggaga gcttcagcca      300
agtttttagag gaaacttaca tgcttgctgt aactttggat gaatggaaaa agaaactgga      360
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agttgcaggg tctgatgatt ggggttcaac acccatggag cagggtcgac caagaactgt      480
gaagagagga gttgagaaca tctctgttga cattcattgt ggagaacctt taaaaataga      540
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<210> 8013

<211> 2285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (305)...(1372)

<223> similar to gi4336774 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8013

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aaaaa						2285

<210> 8014

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (264)...(771)

<223> similar to gi5912150 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8014

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aagaggccaa	gcatcctgat	tctcaatcaa	tggaggagag	caagctgaaa	aatgatgatc	180
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ggacatgtac	attgtcatgt	gactggatca	catggggaag	cgctttatac	agacatcagt	840
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<210> 8015

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (194)...(348)

<223> similar to gi3757719 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8015

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<210> 8016

<211> 1968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (105)...(1155)

<223> similar to gi881499 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8016

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gaaaagtcca	aaccgttttg	ggccttgtag	agccaagcaa	actgggccgt	accctgaccc	180
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ttttgctggt	ttgcaaagtt	tgtataagaa	cacataaacac	tactgaatta	taaaaactca	1860
atcataaaaag	tcaaaatata	ttacataata	tagtttaatg	aatcattaca	tttataataa	1920
caaaggccac	aatttaatta	attggttaaga	tataatgcaa	aaaaaaaa		1968

<210> 8017

<211> 2480

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (855)...(1397)

<223> similar to gi4153872 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8017

tgggaaaaaa	aggagtgaga	gaggataaaa	gaatggaaga	cagagtaata	gggacattac	60
atgaagacca	tggataaatt	atattttttt	ctctttccgc	ctctactaac	ctagcaaadc	120
tctagaagat	gacggtgttc	tttaaaacgc	ttcgaaatca	ctggaagaaa	actacagctg	180
ggctctgcct	gctgacctgg	ggaggccatt	ggctctatgg	aaaacactgt	gataacctcc	240
taaggagagc	agcctgtcaa	gaagctcagg	tgtttggcaa	tcaactcatt	cctcccaatg	300
cacaagtga	gaaggccact	gtttttctca	atcctgcagc	ttgcaaagga	aaagccagga	360
ctctatttga	aaaaaatgct	gccccgattt	tacattttatc	tggcatggat	gtgactattg	420
ttaagacaga	ttatgagggg	caagccaaga	aactcctgga	actgatggaa	aacacggatg	480
tgatcattgt	tgaggagga	gatgggacac	tgaggaggt	tggtactggg	gttcttcgac	540
gaacagatga	ggctaccttc	agtaagattc	ccattggatt	tatccactg	ggagagacca	600
gtagtttgag	tcataccctc	tttgccgaaa	gtggaaacaa	agtccaacat	attactgatg	660
ccacacttgc	cattgtgaaa	ggagagacag	ttccacttga	tgtcttgag	atcaagggtg	720
aaaaggaaca	gcctgtattt	gcaatgaccg	gccttcgatg	gggatctttc	agagatgctg	780
gcgtcaaagt	tagcaagtac	tggtatcttg	agcctctaaa	aatcaaagca	gcccactttt	840
tcagcactct	taaggagtgg	cctcagactc	atcaagcctc	tatctcatac	acgggaccta	900
cagagagacc	tccaatgaa	ccagaggaga	ccccgtaca	aaggccttct	ttgtacagga	960
gaatattacg	aaggcttgcg	tcctactggg	cacaaccaca	ggatgccctt	tccaagagg	1020
tgagcccggg	ggtctggaaa	gatgtgcagc	tgtccaccat	tgaactgtcc	atcacaacac	1080
ggaataatca	gcttgaccgc	acaagcaaag	aagattttct	gaatatctgc	attgaacctg	1140
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tgacagtggg	gggacaggag	tgtctccaag	ccagccagtg	cactttgctt	atcccggagg	1260
gagcaggggg	ctcttttagc	attgacagtg	aggagtatga	agcgatgcct	gtggagggtga	1320
aactgctccc	caggaagctg	cagttcttct	gtgatcctag	gaagagagaa	cagatgctca	1380
caagccccac	ccagttagca	gcagaagaca	agcactctga	gaccacactt	taggccaccg	1440
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gggcattttc	atggcaagta	ccccctctgc	cccactccag	cagtgtctcc	caaagtgtgc	1560
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tcagccacgg	ctacaatacc	ggaaaatgct	agtttttatt	tattttttta	agtagtgctt	1980
cctaaatggg	ttgcatgaga	gccacctggg	gtacatgttg	aaaacttatt	tgggggtctac	2040
cccaaacccta	ataacccaaa	tttgggggatg	gggcccagga	atatgcattt	ttaaaaagtc	2100
atctgccctt	cccagggtgat	tctgtaagtt	gtccctcaac	tgtacttgga	gaaatcgtgt	2160
tttaaagcag	tagtccacaa	agtattctgc	tcagtgtccc	ccaaaagtat	tttgaaaaat	2220
catgtatacc	ctcaccatc	taagttgata	tctaaaattt	tatctaagtt	ggatatctaaa	2280
atttttcatg	ggaagttaaa	tagttgacaa	agtatgtatt	tgctgggtgc	gtgtaaaatat	2340
tggtattttt	aaataaaacc	tgttacatca	ctattttaaa	catatccagt	acaattttaaa	2400
tatcacaaca	atgtgacacc	cttcattcat	ttataaaaaat	aaatgagcta	gttcttttagt	2460
agttaaacat	ttcaaattgg					2480

<210> 8018

<211> 1925

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (880)...(1605)
<223> similar to gi3983573 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8018

tttttagctt	gaaacaataa	at ttattccc	atagttctgg	aggccaggaa	gtccaatatc	60
agttttatcg	gtatctgtag	ggccatgctc	ctgctggaag	aggctctggg	gaagaatctg	120
ttctttgcct	cctccagctt	ctggtggctg	tcagcattcc	tttgctgcgg	ctccatcact	180
ccaatctctg	cctctgtggg	cactgtgctt	tctcctcttc	tgtgtggtaa	tatctccctt	240
tgcttctgaa	gttcagagtg	ttctttcagg	agttgatcat	attctttcga	aagtctctct	300
gactgcatct	tcatttccat	cacatcattt	tgtgccttag	aaagggcatc	tgaagtcttc	360
cttaattcag	ttttcagttt	ctcctgggtc	tctactagtt	ttttattttc	tgcttccaaa	420
acacattctt	catctttacc	atggcttttc	aaaatccatt	ttagtttttc	gttttcttcc	480
ataaattttt	tggcagcctt	gttagtattt	tctgcttgag	ttttaagtac	acctttgttt	540
gacagttctt	ttgccagttg	agtaataagc	gtaaccagac	gtctcaaaac	tagccaaaaa	600
aatagggaaa	atccagaaat	gtaaagattt	ctttgagacc	taaaaagttt	catctgtgtg	660
tgttcatagg	catcaggtct	gctgggtggg	ctcttctcaa	tggtatgaac	tgaggaatat	720
ttccttactt	ctctcacagc	atctagaaat	agaacaatca	ataggatgat	aatggtaagg	780
aaagccttgt	tccaaaaagt	tgcaatttta	ccccagacat	taaatgaaaa	aatcttctgc	840
catctctgag	gaggaataaa	aggtaggcag	aagaaaaaaa	tgacactcca	atgggctgca	900
gtggcaacct	ttctttatgc	cgaaatagga	ctcattttta	tcttctgcct	acctttttatt	960
cctcctcaga	gatggcagaa	gattttttca	tttaatgtct	ggggtaaaat	tgcaactttt	1020
tgggaacaagg	ctttccttac	cattatcatc	ctattgattg	ttctattttct	agatgctgtg	1080
agagaagtaa	ggaaatattc	ctcagttcat	accattgaga	agagctccac	cagcagacct	1140
gatgcctatg	aacacacaca	gatgaaactt	tttaggtctc	aaagaaatct	ttacattttct	1200
ggattttccc	tatttttttg	gctagttttg	agacgtctgg	ttacgcttat	tactcaactg	1260
gcaaaagaac	tgtcaaaaca	aggtgtactt	aaaactcaag	cagaaaatac	taacaaggct	1320
gccaaaaaat	ttatggaaga	aaacgaaaaa	ctaaaaagga	ttttgaaaag	ccatggtaaa	1380
gatgaagaat	gtgttttgga	agcagaaaaat	aaaaaactag	tagaagacca	ggagaaactg	1440
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gaacttcagg	atcgtttaga	aagaggcaac	aagaaaagac	tgtgaacttt	ataaaagaca	1620
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taatggcatt	atcaaaaatat	ttgatgatgt	ttcagatata	ttgcaaagtc	tgtattccag	1800
ctcttaagaa	aaatataagc	atgttaaata	ccatattttac	atattgataa	tgtcattggg	1860
atatgggtggc	tgtttaccac	taaaaggaaa	aaattcatta	accggttgct	tccaaaatta	1920
gatgt						1925

<210> 8019
<211> 1135
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1081)...(831)
 <223> similar to gi4008447 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8019

ctttcccccc	ccgcgggtttt	aaaacccccgc	ccccggaatt	taattttggg	gccccataaa	60
aaaaatttta	ccttcccccc	ccccgggcct	taaacttggg	cccctaaaaa	gggccccct	120
tttttttttt	tttgtgcgct	ggctgcttta	tttaagggtt	tgtgattgac	agctgtcccc	180
atcccagccc	ttgttctctc	tacaaaagca	actgaacatg	aaacgggctt	cctgggttacc	240
atggggaggg	gggcgggtcc	ctgtcagggc	ccagcccagg	gacctgggga	acggcggctt	300
tgaatccccg	gccacgggca	ctagaagggtg	gagaaggagg	gcgggaagtc	cagttgagat	360
gggcacgggtg	ctgggtgagga	ggctggagag	gtcctgttcc	agcctctagt	gggcttccct	420
tgtccaggat	gtcaggaaac	agtcccccaa	ttccgcccgg	gggagccaga	gccccaaagg	480
tggggggcca	ggggctgcag	ggaacacagc	aaaggctttc	ggagccaagt	gagatcagtt	540
caggccccctc	aggcccaggga	acccgacacc	accgcgtacc	tgtgagcaca	cactcacggc	600
caccccagtg	acacgtgcag	ccacacacac	ccacactcac	tcacaccac	acccacacgc	660
acacccacta	cacacacaca	cacacacaca	cacacacaca	cggctgtgac		720
agcccaggac	ccacaccctg	gacccctgga	atgtctcttg	accagaaccg	aacagctgga	780
tcccagctac	gcggggctgc	tcagggggcg	ggctctctgt	gtcgtactg	attggccgcc	840
tcgcaggcgt	ctatccaatc	actgtacaca	tccacgggtt	ctgacagata	cgttatgggc	900
gtctggaatt	cctctaggca	cacggtacaa	gagatgactc	cgggtgttgc	ggcacgggtc	960
attttcacat	cacaggattt	ctcgtggttg	cagaaggggc	aggtgaactg	ggtctcgagg	1020
gtgcctgtca	tcttcttctt	gggaggcggc	tttcgttttg	actttctgcg	ccccatgtct	1080
gcagggtgat	gagccttctc	cagctgcgaa	agctccgttc	ctcgtgccac	ctagt	1135

<210> 8020
 <211> 5421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (691)...(2572)
 <223> similar to gi3882155 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8020

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gcacagctgg	aggatcgtgg	gagcaggaag	gggacaggtg	gcccattctg	tgacactgct	180
cctctcagcc	tgaatgggct	cctggccccct	tggaccctcg	cagagctctt	gcccagaacg	240
ttgcccactc	cttcctctct	ctgtcagctc	cggggcttgc	agagggggca	gcctggctga	300
ggagagctgc	gggtgctggc	cctggcccac	ggcagagctg	catgccatgc	cgtcctgacc	360
gcctccctcc	tctccctcag	gtcccgttta	atggattctg	acatggatta	tgaaaggcca	420
aacgtagaga	ccatcaagtg	cgttgtgggt	ggggacaacg	ccgtgggtta	gaccaggctc	480
atctgtgccc	gcgcttgcaa	tgccaccctc	accagttacc	agctgctggc	cacgcattgt	540

cccacagtat	gggccatcga	ccaatatcgt	gtgtgccagg	aggtgctgga	acgctcccga	600
gacgtggtag	atgatgtcag	cgtctctctg	cgctctctgg	acaccttttg	agaccaccac	660
aaagaccgtc	gctttgctta	tgggagatct	gatgtggtgg	ttctgtgctt	ctccattgcc	720
aaccccaatt	ccctccacca	tgtcaagacc	atgtggtacc	cagaaatcaa	gcacttctgc	780
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gcacccttcc	taccccccaa	gccaccgccc	ccgatcatcg	tggtgcccga	ccctccctcc	1140
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gtgctgcagg	agcgggtg	catctttgcc	cacaagatct	acctctccac	ctcctcctcc	1260
aagttctatg	acctgttcc	catggacctg	agtggggggg	agctgggggg	cccctcggag	1320
ccagggggca	cccaccaga	ggaccaccag	ggccactctg	atcaacacca	ccaccatcac	1380
caccaccacc	atgggcgaga	cttcctgctc	cgagcagcca	gctttgacgt	gtgcgagagc	1440
gtggatgagg	ctgggggctc	cggctcctgt	ggcctcctg	cttcaccag	cgacgggac	1500
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gaggccttca	tgaaccagga	gatcaccaag	gccttccacg	tccgccggac	caaccgggtt	1860
aaggagtgtc	tggcaaaagg	caccttctca	gatgtgacct	tcatcctgga	tgatggcacc	1920
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cctggccctg	gggtgggctc	caggaaaacg	ctggttaggc	ctgggattga	gctaacctga	4320
aacaaaggtg	gtaggcagga	cctaattgacc	agagggttaa	tcctcatcaa	gagagaccag	4380
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aagtgaggcc	cagaagccca	tgggcagggc	tggggggacg	aagggggaac	ccggagcacc	4620
tccacttcta	gggaagatgg	acagcgtggg	ggcacacctg	ggcctcccgg	aagctgtgga	4680
cgaaagggag	agcgggtcct	ccagggcaag	gggaacggga	aataggtctc	ctaggtgcct	4740
gaagcgctga	gcaacctggg	taccctggtg	gggatgcagg	gaaggccggg	gcagagaaag	4800
cgaaggtcga	cccagggctg	taggaagcca	taggagagtg	accacgggat	tccctgagaa	4860
acagggccgg	ccccccaact	tcagggaccc	accgcccatt	ccccgagagc	tgtcggaacc	4920
agatgcaacc	cggcagccca	gagaactctc	ctgggaggct	gtgggtgagc	caggccaaca	4980
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caggaggcca	agcctgaaaa	cagaggggag	ggaggaagga	aggagtccca	gcaggagcac	5160
agccctgggt	tctgtcact	cagagctgat	tcacaggagg	aggggagggt	ggggggcggg	5220
agacaaaaac	cacacctctt	tttatataag	gtttcatatt	taatttggtc	atggattcat	5280
aaatacataa	gtattttgta	cacaaaaaaa	aaaaaaaggg	gcggccggtt	taaaggaccc	5340
ttgggggggc	ccaagtttac	cggggcatgc	agaggaatag	ttctctcctt	atagggagcc	5400
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<210> 8021

<211> 1205

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (75)...(557)

<223> similar to gi2760606 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8021

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acatccgggg	caaactggtg	tcgctggaga	agtaccgcgg	atcggtgtcc	ctggtgggtga	180
atgtggccag	cgagtgcggc	ttcacagacc	agcactaccg	agccctgcag	cagctgcagc	240
gagacctggg	ccccaccac	ttcaacgtgc	tcgccttccc	ctgcaaccag	tttgccaac	300
aggagcctga	cagcaacaag	gagattgaga	gctttgcccg	ccgcacctac	agtgtctcat	360
tccccatggt	tagcaagatt	gcagtcaccg	gtactgggtg	ccatcctgcc	ttcaagtacc	420
tggcccagac	ttctgggaag	gagcccacct	ggaacttctg	gaagtaccta	gtagccccag	480
atggaaaggt	ggtaggggct	tgggacccaa	ctgtgtcagt	ggaggaggtc	agaccccaga	540
tcacagcgct	cgtgaggaag	ctcactctac	tgaagcgaga	agacttataa	ccaccgcgtc	600
tctctctcca	ccacctcatc	ccgcccacct	gtgtggggct	gaccaatgca	aactcaaattg	660
gtgcttcaaa	gggagagacc	cactgactct	ccttctctta	ctcttatgcc	attgggtccca	720

tcattcttgt	gggggaaaaa	ttctagtatt	ttgattat	gaatcttaca	gcaacaaata	780
ggaactcctg	gccaatgaga	gctcttgacc	agtgaatcac	cagccgatac	gaacgtcttg	840
ccaacaaaaa	tgtgtggcaa	atagaagtat	atcaagcaat	aatctcccac	ccaaggcttc	900
tgtaaactgg	gaccaatgat	tacctcatag	ggctgttg	aggattagga	tgaaatacct	960
gtgaaagtgc	ctaggcagtg	ccagccaaat	aggaggcatt	caatgaacat	tttttgcata	1020
taaaacaaaa	aataacttgt	tatcaataaa	aacttgcac	caacatgaat	ttccagccga	1080
tgataatcca	ggccaaaggt	ttagttgttg	ttatttcctc	tgtattat	tcttcattac	1140
aaaagaaatg	caagttcatt	gtaacaatcc	aaacaatacc	tcacgatata	aaaaaaaaag	1200
cgacg						1205

<210> 8022
 <211> 2116
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2117)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (678)...(1333)
 <223> similar to gil293835 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8022						
cggacgcgtg	ggctggaaca	aacatggccg	ctctggcgcc	cgctggctcc	cccgcctccc	60
gcggtcctag	gctggccgcg	ggcctccggc	tgctcccaat	gctggggttg	ctgcagttgc	120
tggccgagcc	tggcctgggc	cgctccatc	acctggcact	caaggatgat	gtgaggcata	180
aagttcatct	gaacaccttt	ggcttcttca	aggatgggta	catggtggtg	aatgtcagta	240
gcctctcact	gaatgagcct	gaagacaagg	atgtgactat	tggatttagc	ctagaccgta	300
caaagaatga	tggcttttct	tcttacctgg	atgaagatgt	gaattactgt	attttaaaga	360
aacagtctgt	ctctgtcacc	cttttaatcc	tagacatctc	cagaagtgag	gtaagagtaa	420
agtctccacc	agaagctggg	accagttac	caaagatcat	cttcagcagg	gatgagaaag	480
tccttggtea	gagccaggag	cctaattgta	accctgcttc	agcaggcaac	cagaccgaga	540
agacacaaga	tggtggaag	tctaaaagaa	gtacagtggg	ttcaaaggcc	atgggagaga	600
aatccttttc	tgttcataat	aatgggtggg	cagtgtcatt	tcagtttttc	tttaacatca	660
gcaactgatga	ccaagaaggc	ctttacagtc	tttattttca	taaatgcctt	ggaaaagaat	720
tgccaagtga	caagtttaca	ttcagccttg	atattgagat	cacagagaag	aatcctgaca	780
gctacctctc	agcaggagaa	attcctctcc	ccaaattata	catctcaatg	gcctttttct	840
tctttctttc	tgggaccatc	tggattcata	tccttcgaaa	acgacggaat	gatgtattta	900
aaatccactg	gctgatggcg	gcccttcctt	tcaccaagtc	tctttccttg	gtgttccatg	960
caattgacta	ccactacatc	tcctcccagg	gcttccttat	cgaaggctgg	gctgttgtgt	1020
actacataac	tcaccttttg	aaaggggcgc	tactcttcat	caccattgca	ctcattggca	1080
ctggctgggc	tttcattaag	cacatccttt	ctgataaaga	caaaaagatc	ttcatgattg	1140
tcattccacg	ccgagtcctg	gcaaatgtag	cctacatcat	catagagtcc	accgaggagg	1200
gcacgactga	atatggcttg	tgggaaggact	ctctattttc	ggtcgacctg	ttgtgttgtg	1260
gtgccatcct	cttcccagtg	gtgtgggtcaa	tcagacattt	acaagaagca	tcagcaacag	1320
atggaaaagg	caagttctct	cgtgctcatt	ttgtgttgct	cagcttgctc	tgaacccacg	1380

tgctgcggca	ctgcggagga	gtggaggcag	cctatggtgt	caagatgctg	tcttcctggg	1440
aggagagcta	ggggaggcct	ggggcccact	tcgtgagagc	agccaggggt	agtttggaga	1500
aggaggtgtt	gagtcagttg	tataaggagg	aggttggng	tgactgctgc	ttattaagat	1560
gattcatttc	atttccactc	gtggttgtga	ttttcacctt	ctcaaaactg	agtcagcaag	1620
agaaaatctt	gtcttagaag	ggccagataa	cacttcgctg	tgagaacagg	agggataatg	1680
gattggagat	ggctatgtgt	aaagcagccc	tgctgctga	tttaacacac	tttcaaaata	1740
gatgtgtcag	tattcattta	aagcaagact	ctgatgacag	aaggaacctt	gaaaactacc	1800
tgatattgaa	atggttgtgc	cctttatagc	ccttttgcac	ctccttgact	ttccagtcac	1860
gcctcctaaa	tcagaagaaa	agctgcaaag	aaaatgtttt	gtgtggttct	gggcttattt	1920
gaataatgtt	catgaccaca	ggctgccata	gcacaagtga	gaatttcaga	ccacaagggt	1980
ttaaggagca	gtgctctctt	ctctcaaagc	tcagaacggg	ctctggatcc	atggtatcgt	2040
acaccagtg	tggatattaa	cattctttta	tcaggttat	gaataataaa	taaaacaggt	2100
ttttgcta	aaaaaa					2116

<210> 8023
 <211> 2253
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2254)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (150)...(1257)
 <223> similar to gi5360269 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8023						
atagaaagcg	ttcgaatgcg	ctaccggttc	ggaattcccg	ctgacgattt	cgtggcgcg	60
tgagccaggc	ctcggggcct	cggagcaacc	acccgagcag	acggagtaca	cggagcagcg	120
gccccggccc	cgccaacgct	gcgcgcggga	tgtctccagac	cttgtatgat	tacttctggg	180
gggaacgtct	gtggctgcct	gtgaacttga	cctgggcccga	tctagaagac	cgagatggac	240
gtgtctacgc	caaagcctca	gatctctata	tcacgctgcc	cctggccttg	ctcttcctca	300
tcgttcgata	cttctttgag	ctgtacgtgg	ctacaccact	ggctgccctc	ttgaacataa	360
aggagaaaac	tcggctgcgg	gcacctccca	acgccacctt	ggaacatttc	tacctgacca	420
gtggcaagca	gcccagcag	gtggaagtag	agcttttgtc	cgggcagagc	gggctctctg	480
gccgccagg	agcgcgttgg	ttccgtcgcc	gcgcgaacca	ggaccggccc	agtctcctca	540
agaagtccg	agaagccagc	tggagattca	cattttacct	gattgccttc	attgccggca	600
tggcgcgtcat	tgtggataaa	ccctggttct	atgacatgaa	gaaagtgttg	gagggatatac	660
ccatacagag	cactatccct	ttccagtatt	ggtactacat	gattgaactt	tccttctact	720
ggtccctgct	cttcagcatt	gcctctgatg	tcaagcgaaa	ggatttcaag	gaacagatca	780
tccaccatgt	ggccaccatc	attctcatca	gcttttctctg	gtttgccaat	tacatccgag	840
ctgggactct	aatcatggct	ctgcatgact	cttccgatta	cctgctggag	tcagccaaga	900
tgtttaacta	cgcgggatgg	aagaacacct	gcaacaacat	cttcatcgtc	ttcgccattg	960
tttttatcat	cacccgactg	gtcatcctgc	ccttctggat	cctgcattgc	accctggtgt	1020
accactgga	gctctatcct	gccttctttg	gctattactt	cttcaattcc	atgatgggag	1080
ttctacagct	gctgcatatc	ttctgggcct	acctcatttt	gcgcatggcc	cacaagttca	1140

taactggaaa	gctggtagaa	gatgaacgca	gtgaccggga	agaaacagag	agctcagagg	1200
gggaggaggc	tgcagctggg	ggaggagcaa	agagccggcc	cctagccaat	ggccacccca	1260
tcctcaataa	caaccatcgt	aagaatgact	gaaccattat	tccagctgcc	tcccagatta	1320
atgcataaag	ccaaggaact	accccgctcc	ctgcgctata	gggtcacttt	aagctctggg	1380
gaaaaaggag	aaagtgagag	gagagtcttc	tgcacccctc	ctccttgctt	gtcaccagtc	1440
tgcctttaa	ccaaattcta	accagcctat	ccccaggtag	ggggacgttg	gttatattct	1500
gttagagggg	gacggtcgta	ttttcctccc	taccgcgcaa	gtcatccttt	ctactgcttt	1560
tgaggccctc	cctcagctct	ctgtgggtag	gggttacaa	tcacattcct	tattctgaga	1620
atgtggcccc	agctgtttgc	ctttgactcc	ctgacctcca	gagccagggt	tgtgccttat	1680
tgtcccatct	gtgggcctca	ttctgccaaa	gctggacca	ggctaaccct	tctaagctcc	1740
ctaacttggg	ccagaaacca	aagctgagct	tttaactttc	tcctctatg	acacaaatga	1800
attgagggtg	ggaggagggt	gcacataacc	cttaccctac	ctctgccaaa	aagtgggggc	1860
tgtactgggg	actgctcgga	tgatctttct	tagtgctact	tctttcagct	gtccctgtag	1920
cgacagggtc	aagatctgac	tgcctccttt	ctctggcctc	ttcccccttc	cctcttctct	1980
tcagctaggc	tagctggttt	ggagtagaat	ggcaactaat	tctaattttt	atattataaa	2040
tatttggggt	tttggtttta	aagccagaat	tacggctagc	acctagcatt	tcagcagagg	2100
gaccatttta	gaccaaata	tactgttaat	gggttttttt	ttaaaattaa	aagattaaat	2160
aaaaaatatt	aaataaaaca	tggcaataag	tgtcagacta	ttaggaattg	agaagggggn	2220
tcaactaaat	aaacgaagag	agtcctttct	aaa			2253

<210> 8024

<211> 1617

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1555)...(1146)

<223> similar to gi3805938 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8024

atgtgaaaga	tggatgaatc	ttgggtagaa	gtgtgcagag	ggaagcagtg	tgagcagagt	60
gggaaagtgt	gaggagagcc	gtgaggagt	tggtgttggt	ggagagggga	ggaagacatc	120
ttgtggggaa	ggtcgggcgg	gttagagcat	agacttcctc	cagaggccag	gagaccatcg	180
gaggccagga	gatcatcggc	gagtgtggca	gggaaagggc	ctgttgaact	gactttccca	240
cttgcccttt	cgttgagaag	gagagtaaag	gccacgcctg	tcccatggct	gtttttaagt	300
ctcgagtgtg	gagattgttg	gtcgtggagg	gaggggtgtt	gcctctgcct	gaatccctgg	360
ggtctcactg	tattcacttt	tttctctcct	ttcagaatat	tcccaaagc	actgagatac	420
taaagaaatt	gatgacaaca	aatgagattc	agagtaacat	ttatacatga	tcttaaacat	480
tgtttttag	tgtatattac	ttgtccattc	ctttaagggg	agcagcctgc	actcttttgt	540
agattacttt	tgggggatat	attttgagaa	tgatgaaacg	gaataaaatt	gtaaaaaact	600
aaaagtaatc	tacaaaaagg	agtgcaggct	gcttccccct	taaaggggaat	ggacaagtaa	660
tatacactac	caaaaacaatg	tttaagatca	tgtataaatg	ttactctgaa	tctcatttgt	720
tgtcatcaat	ttcttttagta	tctcagtgtc	ttgggggaata	ttcttaacca	aacccttcaa	780
gcttctggta	gaaagtatag	gcttaaaagc	ttccactgtg	attaggtcta	atttcatcac	840
atcagtataa	cacaagtaca	gaattgctgg	gattttccat	acttgacagt	agcttagaac	900
tgctgcagga	aggtcgtgta	ctatatccgg	ttgttctagc	aatggacaac	acgccgagtc	960
tttgaaattc	tgtgttttta	gggctctcag	gaaaggagaa	ggaaggctgc	cggtggattc	1020
tgagggtttta	taatcggtaa	catgtcgaca	tgtgagaata	gttatctgca	tgttcttctc	1080

tggacaagag	ccaaaaacct	tttccagcca	ctgatactgt	tgatcttctg	caacatagca	1140
actgcactga	cagagaaaaa	ccgagggatt	ggatttttaga	tgataaaaca	cacaaaaagc	1200
ctctgtggag	gacagatgtg	tagtgtctgt	tgttctacac	cattcattcc	agagtttagc	1260
acaaccaact	tctcccaga	ctcctgaatt	cataacaaat	gatgacagaa	atgctactgc	1320
attattttcct	atagcaatta	taaacttgga	gcacggatat	ttttctagca	aagaaacttc	1380
caaagatgtt	tttgtttgtc	ttcgaaggag	ccgcacttcc	ctcttccgcg	ccagctgcag	1440
acgcacctcc	ctgtcctcgg	gcgtctccct	ccgccccctc	tctctctcct	cttcgtcctc	1500
agtcccagct	cggcacggcg	ccttcaccac	ctctccgaag	aacgtggccg	ccatagccgc	1560
cccgtgaccg	gctggacaca	actgcagcgc	cgcgggaccg	cacgccgctt	gcgcgag	1617

<210> 8025

<211> 1323

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (208)...(589)

<223> similar to gi4200232 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8025						
gcagcctccg	ccccctcaac	cttcgcgggg	cgcgggccgc	agcttttctg	ttcacagcgg	60
gcagggaaag	ccgcgggaag	ggtactccag	gcgagaggcg	gacgcgagtc	gtcgtggcag	120
gaaaagtga	tagctcccc	tcgttgtag	ccagggacga	gaacacagcc	acgctcccac	180
ccggctgcca	acgatccctc	ggcggcgatg	tcggccgccc	gtgcccagag	cctgcggggc	240
acctaccacc	ggctcctcga	taaagtggag	ctgatgctgc	ccgagaaatt	gaggccgttg	300
tacaaccatc	cagcagggtcc	cagaacagtt	ttcttctggg	ctccaattat	gaaatggggg	360
ttggtgtgtg	ctggattggc	tgatatggcc	agacctgcag	aaaaacttag	cacagctcaa	420
tctgctgttt	tgatggctac	agggtttatt	tggtcaagat	actcacttgt	aattattcca	480
aaaaattgga	gtctgtttgc	tgtaatttcc	tttgtggggg	cagcaggagc	ctctcagctt	540
tttcgtattt	ggagatataa	ccaagaacta	aaagctaaag	cacacaaata	aaagagtccc	600
tgatcacctg	aacaatctag	atgtggacaa	aaccattggg	acctagttta	ttatttggtt	660
attgataaag	caaagctaac	tgtgtgttta	gaaggcactg	taactggtag	ctagtctctg	720
attcaataga	aaaatacagc	aaacttttaa	taacagtctc	tctacatgac	ttaaggaact	780
tatctatgga	tattagtaac	atttttctac	catttgtccg	taataaaacca	tacttgctcg	840
tatatacccc	ctgcctcctt	ctgttccagt	cagccaacat	atgtacataa	aagaacacac	900
aaattcaaga	agttggaaga	ttaaattatc	tgcttattta	gtgtaggatg	gtcaggtagc	960
tagctataag	tgaaaggaaa	ttttgctgaa	gagactgaga	aatgggtagt	ggaatgacta	1020
tcaagatgac	ctcaaaactat	ttaaaaacat	tttaacttgc	catgaagaat	cttgatgatt	1080
tttgtataaa	tgttgtataa	aattctttta	cagctacaga	tttttaaata	ggatcattgt	1140
aaagattaat	gagataatgt	tttaacatag	tgccctggctc	atgataagtg	ttaaattttt	1200
caattaccct	cagtaactga	taatgtagca	gaaaatactc	tatattcaga	cagacctgaa	1260
tttgaatccc	agctctatga	cttatctgtt	gtgacttttt	cttttttttt	ttgacacggg	1320
gcc						1323


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<210> 8026
<211> 1490
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (117)...(665)
<223> similar to gi4927226 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8026
cctggagcca cacagggatc cggagcctgg gggaaaagcg gcgcgggagc cggcaccac 60
cgctggaggg gcggcgacgg cggccgtagc gacctcggga ggcaagcggg gccgccatgg 120
ccgagttccc gtcgaaagtt agcacgcgga ccagcagtc tgccgagggc gccgaagcct 180
cgggtgcggc gctgcgccc gacctgggct tcgtgcgctc ccgcctcggg gcgctcatgc 240
tgctgcagct ggtgctgggg ctgctgggtg gggcgctgat tgcggacacc ccgtaccacc 300
tgtatccggc ctatggctgg gtgatgttcg tcgctgtctt cctctggctg gtgacaatcg 360
tcctcttcaa cctctacctg tttcagctgc acatgaagtt gtacatgggt ccctggccac 420
tggtgttaat gatctttaac atcagcgcca ccgttctcta catcacgcc ttcacgcct 480
gctctgcggc agttgacctg acatccctga ggggcacccg gccttataac cagcgcgagg 540
ctgcctcggt ctttgcgtgt ttggtgatga tcgcctatgg agtgagtgcc ttcttcagct 600
accaggcctg gcgaggagta ggcagcaatg cggccaccag tcagatggct ggcggctatg 660
cctaaaccac ctgtgccacg gccccctctg gggctgaagc cgccgctggg tcacagagca 720
gggtcaccct gcaagcctga agctggggag cctgcgtgg agtcagccca acagggactg 780
catttgctcc tctctgcccg tcagacataa gctctcacag cgctaaggaa gcaggccag 840
gctggcaggc atctcggtt gcaggaggcc aactgctgag acctcttctc catccccctt 900
attcagtgga agatgacggg ggatctgagg ctgtgtctct gccttgtctt tagaggactt 960
cagcgtccaa gactggggcc cacccttctc accagcacta aatgcactaa caaggactcc 1020
agacctgcag cccagaccc gccgtagtat aagcctaaca agcaacacgt agcaccttag 1080
tctttgttcc aggagagctg agcaagctgg tgaaaccact ctccttcctt taaacaccgt 1140
ttcaaccaac ctctccctgg agccaacctg taaaaagtgg gttgattgct gacagcatgg 1200
tcttccctcc ctgcatttca gacataccag ttactgaaag caaatcagtt ttaagtgatt 1260
tctcagtgtc gaaaagcctg tccagggtttc cttccctttc ccaagcctct ctctgtaata 1320
ctccctttgg gogaagctaa catcggtgcc tccccgacct tgctgactag gcacatggga 1380
cgcaaaggag ggaggggaagc aaggccttgc ctggcgagtt gtcattgtgt tggtggtgac 1440
tgttttattt tttttaataa aaataaagat gagagaaatt aaaaaaaaaa 1490

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<210> 8027
<211> 2130
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1801)...(250)
<223> similar to gi4490304 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8027
tttttttttt ttgggctaga ggtttgggct ttaatggcag ctggggtaaa aggaaacaaa      60
aacagtaatt ctgaagagca cagggaaacag gcagccagga ccagcctggc ccattccagg      120
ccagctgagc tgaaatgctg attctgtcca gggggctgct gtatgtgtag actggtggca      180
gtcttgggga ctgaggcctc ttggagagaa ggaagactg tcggctcaga agtccatgga      240
gctgtggggc aggtagtcct tgcgaccgat gttgctgacc tgcttggctc gcatagcctc      300
gagtttgggg cagtcagtga tccgatgacc caggcccccg cagaaggcac agccgcgctc      360
tctccaatg tccagcatgg actcatcccc gcaatgcagc acctgcagca cgggcgggcac      420
cttctgcttg gcttctagca gcagcgcttt gaggtccatc agcactgact catcacacgc      480
tttggtgatg aaggtagtgg cgatgcctgt gtttcccagc cggccgggtg ggccaatccg      540
gtgtacatag ttctcaatct cctctggcat gtcataattg atgacgtgct ggatggcagg      600
gaagtccagg cccttggagg caacgtctgt ggctactagg acatccttct tgccctcccg      660
gaatgcctcg atggccttag tccgttcttc ctggtctttg ccccatgga tggctacggc      720
ctcaaccccc ttgagcagca ggtactcgtg gatggcgctc acgtctgcct tcttctctgc      780
aaagatgagt acaggcgggg gtgtcttctg caggcactcg agcaggtaca ccatcttggc      840
ctcctccttc acatattcta cctcctggat gacatccagg ctggcagccc cagcgcgccc      900
cacattgatg gtcacaggct ttacaagggc actcttagca aagttctgaa tcttcttcgg      960
catggtggca ctgaagagca gggctctgtc gggcccttg aagtaggaga agatggtacg     1020
gatgtcacc tcaagccca tgtcgatcat gcggctcagc tcgtccaggg ccaggtagcg     1080
acagatgtct aggtcgacca tcttcttctg cagcaaatcc atgaggcgcc ccggggtggc     1140
caccatcatg tgtacaccgt gtcggatggt ctccatctgc tctttcacgg acatgcccc     1200
aatgcagagg gcgcagcgca ggagtgggtg gctgtcctcc tgcagcaggc ggcagtagta     1260
ctccaggatg ccatgggtct gccggggccag ctcccgcgag gggcagatga tgagtccata     1320
gggccccctc cgctttgaga agggtaacct cttctcttgt tccaggcaga acatgatgac     1380
gggcaacgtg aacaccagtg tcttgccctga acccgtgaaa gcgatgccta tcatgtcacg     1440
gccagataga atggtgggga tgccctggat ctgaatgggt gttgggtggg gaatgccttt     1500
cttcttcagg cctctcagga tggctgcagg aaacttcatt tccttgaagc tcttgatggg     1560
tggtgggata cgtctccct ccaccaggat gtggtatttc ttccgcacgc gctcatgtcg     1620
ctcttcagac atgctcagaa cataacgggg tggagtccag ctggttttga tggggtcac     1680
atacgtaatg cccttagcca tctccttcac tgacatcaat gctcggccct cggcaacact     1740
ctccaggatc ttctcttctt ccttcagctg cttctccttg gcagactctt tgcgcgcttc     1800
agccttctct ttaagggtgt ggtgctgatc caggaggctg acgttggact gagggcctag     1860
cgggatgtcg tctcatctc cccgggggttc actaccgctg tcctgctgct cttcctccgc     1920
agctcccttg cgtcttcgct gcagcagctt ctggagcagt agctgccggc gctgccgtaa     1980
cggcacatag ggcacgtagt cctcgtcgtc ctcatcttcc gcctcggagc ggcttcctcc     2040
ggcaggcacc tcgtcgggtg gagcccgtt ccgttcgggt tccgactcct ccattctttg     2100
ctgcacgcat gcgcgccgtc gacgcggccg

```

<210> 8028

<211> 2761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2731)...(0)

<223> similar to gi5360123 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8028

tggtcagact	ggagataaat	tttgaaggga	gcaccaacag	gactttgttt	aaaaaattag	60
tgcaggggct	gggcatgggt	gctgggtgct	tcccccaact	ttcatactgg	aacaagagtt	120
aggctcaggt	ttacatgata	ctctactatt	cttttgtgaa	gaatgacaac	tgagtcagtt	180
ggttgagctt	gaagtgttcc	agtcctaagg	gattcactct	cacttaatgt	catatatgtg	240
taagggtcct	acatgaggtc	agtgtttgtg	gctacatata	aagaccaatg	atgaaatgag	300
gaattatttt	tttttctttt	aataagggat	ggggctctgt	tatgttgccc	atgctggact	360
caaactccca	gactcaaatt	cctgggctta	agctattctc	ctgcatcagc	ctcccaaata	420
gctgggacta	caggtgcatg	ccaccacacc	cagctagagg	caatgattct	taaagtctcc	480
gctggctatc	taggactctt	attaaatatc	ctgttacttt	aaaaaggcca	tccaaatata	540
ttttcttgaa	agaaacattt	atttatgatc	tttattgggtg	aaataatttc	aaacaaatcc	600
agaacaggtt	ctcacacttt	gagcctttag	tgcaaaaaaca	ctatgccatg	cgggaaataa	660
aatgcttatc	cagtggagcg	ctccccctgat	gcattgaaat	attaggatac	tcaagcagaa	720
gacgacttat	gtgacagaaa	tctgctcata	aatctgcttg	aaaaaggcca	tgataaacct	780
catattaagg	tttctcacia	cataaatatg	cttaagcaac	ttaattccaa	cttaatttca	840
aaacacccca	ggaatcaact	atccctttta	ataaaaaaaa	taatcaattt	atattcttct	900
taaaagaact	ccaacaattt	aaaataagtt	ccaattccat	atatatatat	atatatatat	960
atatatatat	atatatacac	acacacacac	acacacacat	ttataactta	ggtgctcttt	1020
tgcgctatat	actttaattc	atgcaaaagt	gatagaggac	tggaactgag	gctctacaga	1080
ggcctttctg	agaaagctgt	gtagctcctt	actctggcga	agaacaaggg	ggtgtacatc	1140
ttgtcaatct	caaaagcact	gactgcagtc	tcaccagttg	atttgtaagt	aatgtgacaa	1200
gaatgatgta	tccagatgag	tttgttgaac	ctctgggtgac	cactggaaca	tagctgtagc	1260
cccacatgaa	aactctgata	tgcttcttgt	acagggacac	gacgaaaata	tctgtattta	1320
tagtcaagtg	gtttttcttc	ttttttctta	gttattacag	caaatacttt	ggtctgattg	1380
tctgtgtctt	gtgacaagcg	atagtgaccc	agtagaattg	catcagtcct	ggtattccta	1440
gttcttaaac	gtggaacaat	ggactgaggg	tcttcagggg	ttgtcaacat	catcacatgg	1500
ccatcaggaa	agaatcttat	gtacctgtaa	tattccactt	ggtgccaggc	tctatagaaa	1560
ccatcaagag	actgttcccc	ttgacgaata	tatgtgggtt	tactgatata	cacgccatca	1620
aaccgaacac	gaggccgttc	taaaaacatc	tctctccagg	acgtgtacgg	aacaagttta	1680
atacagcttc	tgccccaac	tttcaagcag	gccagacgcc	atatttcagg	gtctctggca	1740
cagatgtaga	atcctctgca	caccagcgac	aactgctcca	atgatctgag	gtccaagtca	1800
ctagacacca	cccacgga	gatgtacatc	aggacctcca	ttggcagcac	tgatatgtga	1860
atctgactgc	tctcaagctc	aggctgacac	agtttaagca	cagactcctg	aaatgtgagt	1920
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tgttttctct	tggtatctgc	cgatgttttc	tggaagagag	ctcttgctgc	tctgcaaggt	2220
cgattttcta	aattgtctaga	gcttacacct	ggagcaagtt	caaacatcca	ctgagctcgg	2280
aacatctgga	gttgtgcctg	cagatctggt	tcagcaggac	tttcattttc	ttcatcatca	2340
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cctgctgcgc	tcgaggggct	ctccgtgccc	cctctgcacc	gccccccgga	ggaggggtgc	2460
tgggtgtccg	ggtgtctact	cctgcctgtc	tctgcagcgg	agcttagcag	agttctcggg	2520
cggagaagcg	caccaggcag	cggcaataac	tgcgggcccc	gcgtacggca	gccatcttcg	2580
cggggcaggg	ggccagatcg	gggcgcgctg	gggtggcggc	ggctgccggg	gactcgggga	2640
gtggaggggac	gcccgttgcc	agccgaggcg	ggggattgtg	cgagcaccgg	agcgtcagcc	2700
ctactggaga	ccccggacgc	cgcgcgggag	ctgccccctc	agctgcggaa	acctgcgccc	2760
a						2761

<210> 8029

<211> 1926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1927)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1546)...(553)

<223> similar to gi5031506 in the genepept database release.114,

Run with FASTXY 3.3t00, default parameters

<400> 8029

tttttttttt	ttgtgagcaa	cagagatagt	ctttattcaa	acgcagagag	atccataaca	60
tggaaacact	gacgcttccg	aaaccgcccc	atttattcac	ttctcaagtg	gcccccgctt	120
ggatgcgccc	tcgggagagt	gggctcagca	cagcctagag	caccaggtct	gaggtatctg	180
caaccacgtg	ggagccaggc	ccctggacga	tgaaggacaa	tctcctggag	cagcaataac	240
ttataaggag	acataattta	gagtagctgg	agccttgggg	atgactttat	cctgcaggag	300
gaggaggctg	agagcagacg	ggacacgggg	gcccctaaga	agcaagggtg	ggaaaggagg	360
aggctgtttc	ccaatgcccc	tgccggccac	cagaggggccc	ttcagtgcag	agatggtcgg	420
cgcggcctca	ccgcggtcag	gagcagcgcg	aaacccccctg	tgccctcggc	cgctgcagc	480
atgagcctgc	acaggagccc	ccgacacccc	atggctccgg	ggggccccag	gggctgcggg	540
gctctgggtc	tagacgcagt	tatcagggac	gcactcagcc	tcttcttcga	gctcggggca	600
ggggctcccc	ttgttgccgg	gctggaccgg	gacgtagcga	gtcctgctct	tgggtcccgag	660
cctcccacag	tggcctccgc	acagtcccca	ggacgaccac	agggagacct	cgcagtccag	720
cggcgtttct	ggaactgagg	cgctgtctac	aatctcattg	tccttgctgg	gcaggactgg	780
ggcgggaggg	atgaaggccc	tggggctctg	tcgcagccgc	agcagtgtca	ccctggcgat	840
gggaggcagg	gccttcagcc	gcgggtagta	gaaggagtgt	gccgggtggc	tgggagagga	900
ggacgttatc	tcggtcaccg	tgtcctgcgg	gatggtggcg	aagttggggg	aggagaaggt	960
gaagccgctg	tccgtcccgg	cgtcgtaggg	gtacaggtcc	agcgccgcct	gttcccgcc	1020
acggtccccg	tcgcacaggt	ccaggctgtc	cacgcccacg	aaccagtcgg	ggctgggcac	1080
gatgcgcacc	acaaacgaga	ccagcgagtg	cctgcgctgc	acctccagct	ccgccgacgt	1140
ctgcccgggtg	ccgctggggg	cggcggggcg	cgaaaacacc	gcgtgcacgc	tctgcagcgc	1200
ctcccccgcc	gcctcgatct	ccttcatcag	cgcccaggcc	tcgccgcgct	ccgcaaagtc	1260
gcgcagcccc	ttactgacgt	actggttctt	cctccacatg	ctgtagtcgg	agctatgcgc	1320
ggcccccagc	agcgaagacc	actgcgcagg	ggggcggaac	aggggggtact	gcttggggaa	1380
ggcgtctctg	ctccacttgc	ccgtgaaggt	gatgctgtat	ttggccgggg	ctctggcgga	1440
acagatggat	tctcccccaa	gaggctggcc	ggcggcgccg	agagtggcca	ggaggagagc	1500
gcagagggcc	ttgcccaggg	cggcgggccg	gctggggttt	tccatcacc	ggcaggagca	1560
gcgggagcgc	ggccggcagc	ggtcgggtcc	cagccagagc	ccggagctcc	tatttaagcc	1620
cgaggccggc	gccccggggc	ggccaatgag	gctccagttc	ctcctgtctt	cgatgtgca	1680
cggcctggcc	tccagcgaga	ggcagatagg	acgtgggaga	aaggaggaga	aggggctgcg	1740
ggggcgggcg	gggctgccgc	tttcccaact	cgccctgccc	agcgaccttc	cccgggtcgg	1800
atcacccctc	tcccctggca	gtgctgccgc	acccctttct	ttgtctgtct	gtcctatccc	1860
tccctcgtgc	caagcttggc	gtagtcaggt	gaagactgta	tcgagttcaa	annnnnnccc	1920
ctgctc						1926

<210> 8030

<211> 1749

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1625)...(299)
<223> similar to gi5734486 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8030

cgcgtttttt	ttttttttccc	ccccccaaaa	aaagggggttt	ttttcccccc	cattttttttt	60
ttttttcccc	cgtttttttt	ccccccccct	ttttttaaaa	cccccccccc	aaaaattttt	120
tttggcccc	aaaaaaaaaa	aaattttttt	cccccccccg	cccaaaaaat	tttttttttt	180
taaaaggccc	cccccccttt	tttttttttt	tttttttttt	tttttttttt	tttttttttt	240
tatcagctag	aagagatttt	tttattgaag	ggcgagtctc	cggcatctga	tggcagctac	300
aactggatct	cacggaacgc	ccgcttctcc	accagcttca	ccttgtaact	gcgtttgaac	360
ttggctctct	ctcgaggctc	gatcatattc	ctcctctgga	agctcttgaa	ccggtctcga	420
aggatgttgc	cctcgggctt	cagggtcctg	agcgagtctg	tcagctccga	gctcagctgc	480
acgtcgatgt	caggtgcctg	gtacttgagc	cgccccagcc	ttcggggctt	gtcagcctca	540
gcctcccgcc	gcgcctgcgc	ccgcctctgc	cgccgcgcca	gctccgccag	cctcagggcc	600
acctgggcct	tgatcccgcg	cagccggaac	agctcctggt	gccggagccg	ggcggcccg	660
aacgcggcct	gctgtaccgc	cagcctgtgc	acagccttct	cccgcgcgcg	ctgctgctcc	720
gtcttcttct	ctgtggtggc	caggcgggcg	ggcgtgggac	agacctcggc	atccccagcc	780
tccggcccc	cgccctggcc	tggctcccc	tcaccatccg	actcctccag	cagccccctc	840
cacagctcct	ggaatgtgga	ctcctgggtg	gcggcctgct	ccgtggcggg	cagggccagc	900
tgccgctcca	gcttctccgc	ctccttctgc	cgctgcaact	ccacctcgtg	ggccgctgag	960
agcagggctc	ggtggtcttc	aaaggatgga	ttgtaggaag	ctccggcagg	cgccacctcc	1020
acggcgggcg	cctgggacgg	cttgggtgtc	aggcgtgctg	gccgcttcac	tcctttcttc	1080
ttggtctgct	ccaggaaaaa	ctcatcctgg	ccaaccaacg	gcctgtccag	ggggttgtct	1140
gaggcccaga	ggtcgtagaa	gggcccgtct	acggtgtcct	ggggcccggg	cttggccctt	1200
gttgacaga	ggttgaggag	ccgggcctgg	gccctgcgca	cctcccgggg	cagctcgccc	1260
tgcttgccca	gcttctccca	tagctgctcc	ttccgcctga	gcttcttggc	gttggggacc	1320
tgggtggcgga	ggacgtcttt	gggggcaggg	actttggatg	tgttctcgag	gatgagggtca	1380
acccgaaggg	gtttcttgag	aagcagtgac	ttcttctgga	ctttggttct	cttctttgtc	1440
agcccttttt	ccttgagacc	agtgtccacg	aagaagagtt	tttcatttgg	ggcctctgac	1500
aacaagccac	cgctcgtgcg	ctcctgtagc	cgcacgtctt	ccaggaactg	gtcaacctcc	1560
agccccagcg	gctcctgagc	aagccgcgcg	cagccccgct	tcttatttct	tgggcctcgc	1620
cgccgcgcgc	tcagcgtggt	gtccaccgaa	gtgggcgcga	gccccaggaa	accagaatcg	1680
gcacgcgttt	tcgagctgcg	cttcccacca	acgccactgc	ctcctgcccgc	catcttgtca	1740
aaaaaaaaa						1749

<210> 8031
<211> 1638
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(587)
<223> similar to gi498032 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8031
gcggccgccc aggatgggga aatccaacag caagttgaag cccgaagttg tggaggagct    60
gaccaggaag acctacttta ccgagaagga ggtccagcag tggtaaaaag gcttcatcaa   120
ggactgcccc agtgggcagc tggatgcggc aggcttccag aagatctaca agcaattctt   180
cccgttcgga gacccccacca agtttgccac atttgttttc aacgtctttg atgaaaacaa   240
ggacgggcga attgagttct ccgagttcat ccaggcgctg tcggtgacct cacggggaac   300
cctggatgag aagctacggg gggccttcaa gctctacgac ttggacaatg atggctacat   360
caccaggaat gagatgctgg acattgtgga tgccatttac cagatgggtg ggaataccgt   420
ggagctccca gaggaggaga acactcctga gaagagggtg gaccggatct ttgcatgat   480
ggataagaat gccgacggga agctgaccct gcaggagttc caggagggtt ccaaggcaga   540
cccgtccatt gtgcaggcgc tgtccctcta cgacgggctg gtatagtccc aggctggagc   600
tggatgcctg ggaaccactc acctccttct gtgcatgatg gccacctcag ccctgacacc   660
aaccctcgtc gtccaccagc cttcttccg catccacaca cagccggtg cccttgaccc   720
gggaggcccc ggctctcctc tccctgtcc tgcacccatc cccgcctga agccaccggc   780
tccaattgcc agcaacctct gcttgtccgg aaaacgacaa cacgaaatgg aaaaggctac   840
agccctctgc ataaaccaag gacttggctg cctcgcaggc agcctccgtt cctcccgtc   900
tcttgccgct gtgcttttgt tttttatatt gaacagacgt tttaaaagaa aaaaaaacia   960
ctacctctg tcctagaaga cacagactga cagatggggt gaaggcctgg ggacctcaga  1020
gaactctgcc ttgcctcctg cctcgtcct tcggcagccg gagaggctgt ggggtgggccc  1080
aggggtgcta ggggttctgc ctatgcaacg gaggatgatg ttttttttg tgataacagt  1140
accacctgcy tggctaggat gattaattat ttatttctg gaggtgctg ttttttttg tgataacagt  1200
attgtgcttt ttgtggggaa agtgagggtt tttttttata tacatatata attgatattc  1260
ttaatttatt gggtgttaac tgttgcctgc gctggtgtg tcctcagctc ccagggtgct  1320
gggcccaccg tttacatgtg cagccctga cccacctgcc cagccgatt tgggaggatg  1380
ggggcctgca ccggccaaaa agccaaaaaa aatttttttt ttttcaaaaa ctgggcttga  1440
ttttgggaaa ggggaaaggg ggaaattcct aaagggttaa ggccctgttc cttccagccg  1500
gaaggcctct tgccaaacct ttttccctg ttgcctttgt ccccgaaatc ttgttttccc  1560
cgtgggcccga aaaatttttt ccgaggagga acaggggaca tcttaaggtt tctaaacttt  1620
tgttttgggg tttgcccc                                     1638
```

<210> 8032

<211> 2254

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (355)...(2006)

<223> similar to gi2765229 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8032
ttgccaaagct tggcacgagg gcgctgagct gcagtgtctg gtcgagagta cccgtggggag    60
cgtcgcgccc cggaggcagc cgtcccggcg taggtggcgt ggccgaccgg acccccaact   120
ggcgcctctc cccgcgcggg gtcccagact aggagatggg aggcacagct cgtgggcctg   180
```

ggcggaagga	tgcggggccg	cctggggccg	ggctcccgcc	ccagcagcgg	agtgggtggag	240
ccacagtgtt	aaagaacaga	gaagtgatcc	ttaatcattt	agaattttgc	ctccaccatc	300
caccagaaaa	tgaagtggaa	agagaagttg	ggggatgggtg	tctatgacac	cttcatgatg	360
atagatgaaa	ccaaatgtcc	cccctgttca	aatgtactct	gcaatccttc	tgaaccacct	420
ccaccagaa	gactaaatat	gaccactgag	cagtttacag	gagatcatat	tcagcacttt	480
ttggatggag	gtgagatgaa	ggtagaacag	ctgtttcaag	aatttgga	cagaaaatcc	540
aatactattc	agtcagatgg	catcagtgac	tctgaaaaat	gctctcctac	tgtttctcag	600
ggtaaaagt	cagattgctt	gaatacagta	aaatccaaca	gttcatccaa	ggcaccctaa	660
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gagaaactgg	aaataattaa	ttatccagaa	atttactttg	taggtccaaa	tgccaagaaa	780
agacatggag	ttattgggtg	tccaataat	ggagggtatg	atgatgcaga	tggggcctat	840
attcatgtac	ctcgagacca	tctagcttat	cgatatgagg	tgctgaaaat	tattggcaag	900
gggagttttg	ggcaggtggc	cagggctctat	gatcacaaac	ttcgacagta	cgtggcccta	960
aaaatgggtg	gcaatgagaa	gcgctttcat	cgtcaagcag	ctgaggagat	ccggattttg	1020
gagcatctta	agaaacagga	taaaactggt	agtatgaacg	ttatccacat	gctggaaagt	1080
ttcacattcc	ggaaccatgt	ttgcatggcc	tttgaattgc	tgagcataga	cctttatgag	1140
ctgattaaaa	aaaataagtt	tcagggtttt	agcgtccagt	tggtacgcaa	gtttgccag	1200
tccatcttgc	aatctttgga	tgccctccac	aaaaataaga	ttattcactg	cgatctgaag	1260
ccagaaaaca	ttctcctgaa	acaccacggg	cgcagttcaa	ccaaggtcat	tgactttggg	1320
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atccttgtag	aacttttaac	aggacagcct	ctcttccctg	gagaggatga	aggagaccag	1500
ttggcctgca	tgatggagct	tctagggatg	ccaccaccaa	aacttctgga	gcaatccaaa	1560
cgtgccaaagt	actttattaa	ttccaagggc	ataccccgct	actgctctgt	gactaccag	1620
gcagatggga	gggttggtgct	tgtggggggt	cgtcacgta	ggggtaaaaa	gcgggggtccc	1680
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ttcttgaaaa	ggtgtcttca	ctgggacccc	tctgcccgtc	tgacccagc	tcaagcatta	1800
agacaccctt	ggattagcaa	gtctgtcccc	agacctctca	ccaccataga	caaggtgtca	1860
gggaaacggg	tagttaatcc	tgcaagtgtc	ttccagggat	tggtttctaa	gctgcctcca	1920
gttgttgtaa	tagccaataa	gcttaaagct	aacttaatgt	cagaaaccaa	tggtagtata	1980
cccctatgca	gtgtattgcc	caaaactgat	tagcctagt	gacagagata	tgccagaga	2040
tgcatatgtg	tatatTTTTA	tgatcttaca	aacctgcaa	tggaaaaaat	gcaagcccat	2100
tggtggatgt	ttttgttaga	gtagactttt	tttaacaag	acaaaacatt	tttatatgat	2160
tataaaagaa	ttcttcaagg	gctaattacc	taaccagctt	gtattggcca	tctggaatat	2220
gcattaaatg	actttttata	ggtcaaaaaa	aaaa			2254

<210> 8033

<211> 981

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (306)...(849)

<223> similar to gil88543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8033

gaccctgcag	aggcggcggg	gctcctcctc	ccgctcctcc	tcggcctccc	cttcgggcgc	60
tctcgcgcta	actgtgctcc	tccggggccc	tccgctgtct	cccagccatg	gtggcctggc	120

gctcggcggtt	ccttggtctgc	ctcgcttttct	ccttgggccac	cctgggtccag	cgaggatctg	180
gggacttttga	tgatttttaac	ctggaggatg	cagtgaaga	aacttcctca	gtaaagcagc	240
catggggacca	caccaccacc	accacaacca	ataggccagg	aaccaccaga	gctccggcaa	300
aacctccagg	tagtggtattg	gacttggtcg	atgcttttga	tgatcaagat	gatggccgca	360
ggaaaccggg	tataggagga	agagagagat	ggaaccatgt	aaccaccacg	accaagaggc	420
cagtaaccac	cagagctcca	gcaaatactt	taggaaatga	ttttgacttg	gctgatgccc	480
tggatgatcg	aaatgatcga	gatgatggcc	gcaggaaacc	aattgctgga	ggaggagggt	540
tttcagacaa	ggatcttgaa	gacatagtag	ggggtggaga	atacaaacct	gacaagggtg	600
aaggtgatgg	cgggtacggc	agcaatgacg	accctggatc	tggcatgggtg	gcagagcctg	660
gcaccattgc	cggggtggcc	agcgccctgg	ccatggccct	catcggtgcc	gtctccagct	720
acatctccta	ccagcagaag	aagttctgct	tcagcattca	gcagggtctc	aacgcagact	780
acgtgaaggg	agagaacctg	gaagccgtgg	tatgtgagga	accccaagtg	aaatactcca	840
cgttgccacac	gcagtctgca	gagccgccc	cgccgcccga	accagcccgg	atctgagggc	900
cctgtccagc	tgcaggcatg	cacaatggtg	ccaccgcttg	tcaccgggct	ccccccaccc	960
cttcatttgg	accgcagct	g				981

<210> 8034

<211> 1834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(1513)

<223> similar to gi2443870 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8034

cattgagaac	tgtaggaccc	gcttacgcc	agcttggcac	gaggcaagcg	gccacaagga	60
tggcaggctt	cgcgagctc	gggctgtcat	cgtggctcgt	ggaacaatgt	cggcagctgg	120
gtttgaagca	gcccacgccc	gtgcagctcg	gctgcacccc	cgccatcctg	gagggctcgag	180
actgcttggg	ctgtgctaag	acaggcagtg	ggaagacagc	agcgtttgtc	cttcccattct	240
tgcagaagct	gtctgaggat	ccctatggca	tcttctgcct	cgtcctgaca	cccaccaggg	300
agctggccta	ccagatcgca	gagcagttcc	gggtcctggg	gaagcctcta	gggctgaaag	360
actgcatcat	cgtcgggtgg	atggacatgg	tggcccaggc	gctggagctc	tctcggaaac	420
cacacgtgg	catcgccacg	ccggggcgcc	tggcagatca	cctgcgcagc	tccaacactt	480
ttagtataaaa	gaagatccgc	ttcctggtga	tggatgaggc	agaccggctg	ctggaacagg	540
gctgcactga	cttcaccgtg	gacctggagg	ccatcctggc	ggctgtgccg	gcccgcaggc	600
agacactgct	gttcagcgcc	acgctgaccg	acacactccg	ggagctgcag	ggctctggcca	660
ccaaccagcc	cttcttctgg	gaagcacagg	ccccggtgag	caccgtggag	cagctggacc	720
agcgtacct	gctggtgcct	gagaaggtca	aggacgccta	cctgggtccac	ctgatccagc	780
gcttccagga	tgagcacgag	gactggtcca	ttatcatctt	caccaacacg	tgcaagacct	840
gccagattct	gtgcatgatg	ctgcgcaaat	tcagcttccc	caccgtgggt	ctgcactcca	900
tgatgaagca	gaaagaacgc	tttgccgccc	tagccaagtt	caagtccagc	atctaccgga	960
tcctgatcgc	aacagacgtg	gcctcccggg	gcctggacat	ccctacggta	caggtgggtca	1020
tcaaccacaa	cacccccggg	ctccccaaaga	tctacatcca	ccgagtcggc	cggacggccc	1080
gtgcagggcg	gcagggtcag	gccatcacgc	tgggtgacaca	gtacgacatc	cacctgggtg	1140
acgccatcga	ggagcagatc	aagaagaagc	tggaggagtt	ctccgtggaa	gaggccgagg	1200
tgctacagat	cctcacacag	gtcaacgtgg	tgcgaagaga	gtgtgagatc	aaactggagg	1260
cggcccactt	tgacgaaaag	aaggagatca	acaaacggaa	gcagctgac	ctggagggga	1320

aggaccctga	cctggaggcc	aagcgcaagg	ctgagctggc	caagatcaag	cagaagaacc	1380
ggcgcttcaa	ggagaagggtg	gaggagacgc	tgaagcgaca	gaaggctggc	agggctggcc	1440
acaaggggcg	tccaccagc	acaccgtctg	ggccccactc	agggccagtc	ccctcccagg	1500
gcctgggtctg	agccccacac	ggccatctgc	ccagtccttg	actcgtccat	ggagctgagg	1560
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gcagaaccgc	tgggcgtctg	tgttggtcgg	gccctgctcc	tctgccccga	aacctactggc	1680
tggtccttcc	cctgagccct	ggccaagatt	caggctgcag	gggaagaaag	aacatgaccg	1740
ggaggttctg	accccaaccc	aaggtcaccc	cccaggggtg	ccgcatacag	gaggtgctta	1800
ataaacgggt	cttttgactt	cctcaaaaaa	aaaa			1834

<210> 8035

<211> 1135

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1079)...(553)

<223> similar to gi3779197 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8035

accttagagt	tcttgccag	agttgactct	aggtagtgat	gtgattttct	tgggatgttt	60
ttctaaatat	tcttttatgc	taaagcacat	ggcttgatac	ttctgttgat	taagctcgtg	120
tctacttaca	gtcatctagt	gagaacctgt	gggtgtggta	gatgataact	tggctcttgg	180
tcttcatcat	ttgaactagt	tttggttttg	tcttgtccct	tccttgagca	ttttgtgtgt	240
gtttaatcct	atttggtaaa	cgaaccactg	tgaagacca	agttggagaa	aacagaacac	300
ccccaaaaca	tttatttttt	tttttagaaa	atcatggctc	actatggtag	tatacaatat	360
tgttttcaca	catgtacact	tgaaccacaa	tttctaaaac	ttgtttttct	taaaaaatag	420
ttgttgtaac	attaaaccat	aacctaatca	gtgtgttcac	tatgcttcca	cactagccag	480
tcttctcaca	cttcttttgg	tttcaagtct	caaggcctga	cagacagaag	ggcttggaga	540
ttttttttct	ttacaattca	gtcttcagca	acttgagagc	tttcttcag	ttgtcaagca	600
acagagctgt	atctgcaggt	tcgtaagcat	agagacgatt	tgaatatctt	ccagtgatat	660
cggctctaac	tgctcagagt	gggtcaacaa	acataatcct	ggggacatac	tggccatcag	720
gagaaagggtg	tttgtcagtt	gtttcataaa	ccagattgag	gaggacaaac	tgctctgcca	780
atttctggat	ttctttatct	tcagcaaaaca	ctttctttta	agcttgactg	tgtgggcact	840
catccaagtg	atgaataatc	atcaagggtt	tgttgcttgt	cttggtttta	tatagagctt	900
cttcataatgt	ctgagtcacg	atgagttggt	caccccaacc	tctggagagg	gtctggggca	960
gtttgggtcg	agagtccttt	gtgtcctttt	tggctccagg	tttgactgtg	gtatctcttg	1020
ccagagtgtg	ggagagggcc	acaaggagca	agaatgctga	cactggaatt	ttctccatgg	1080
caactctgga	tttcttcacc	cacctgcctt	gtgtgagtcg	gcggctagga	tgcgg	1135

<210> 8036

<211> 1084

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1085)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (916)...(573)
 <223> similar to gi4588034 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8036

tttttttttt	ttatgctcaa	aagttaaatt	ttattttaccc	tgttcactgg	cccaaactta	60
aaatccttat	atcacataaa	gatttcatgg	accgttcctt	ctccctgcc	aaaatacgta	120
ttaggaacaa	attaagagta	agagttgggt	tttaaactgc	actttatttg	ttactgtaac	180
attctttttt	aactgatcaa	ccataagcat	gcaaaaagtt	ctctgaaact	gcttccactg	240
cctgttgat	agaaatgggt	aaattataaa	ggtgattcaa	tttgagctc	tttctttttt	300
tatagcactt	ctaagctgtg	tgcgcgacac	acaccacaga	ggtaggaagg	accaccttta	360
ataaattatc	ttcttaatcg	cagagaattt	ctgaagataa	aactgacaaa	atgctaaacc	420
aaggctttga	tgagtcccaa	aggaccacag	atccatcggc	tcctatttga	agaattcatc	480
ccctgtagtg	ttctagcctt	tgtagggcac	tggattacaa	gatccaccag	ggctctgaac	540
aactgcgcta	agaagccttc	taaccactct	catttgccga	ttctttggac	caccagttcc	600
tgctggcaga	gagggcagcg	attgttctgt	ttcaccacac	gggacatgca	gcagttgtgg	660
aaggaatgat	tacattctcc	ccagaccaca	acacagtcct	cttgtttggt	ttcagcttga	720
catctaagac	aggcatccat	cacctggacc	ctgcagatgg	cgcacgtatc	gcactccacg	780
tcccagctcc	acatggccac	cgcgttccac	ttcttgaggg	agaacatctt	gtcgctctcc	840
gacttgagc	ctgagctccc	ggagtggag	gccagggcgc	aggtttcctc	tccgtcttcc	900
acgtcggcca	tggcggcgcc	gcggagccga	cggcgagac	gttggttg	ggaaggcgga	960
aggctagggc	ggctctgtgg	agccgcccga	cgggccacag	cggcgccgc	aggccgccag	1020
ccaccgtggt	gcttagaccc	cggctggaat	tccnccgcnc	tggcgagatg	tctcaaggct	1080
caaa						1084

<210> 8037
 <211> 2234
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (111)...(2021)
 <223> similar to gi4530688 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8037

aggggacgca	gcgaaaccgg	ggcccgcgcc	aggccagccg	ggacggacgc	cgatgcccgg	60
ggctgcgacg	gctgcagagc	gagctgccct	cggaggccgg	cgtggggaag	atggcccagt	120

ccaccgccac	ctccccctgat	ggggggcacca	cgtttgagca	cctctggagc	tctctggaac	180
cagacagcac	ctacttcgac	cttccccagt	caagccgggg	gaataatgag	gtggtgggcg	240
gaacggattc	cagcatggac	gtcttcacc	tggagggcat	gactacatct	gtcatggccc	300
agttcaatct	gctgagcagc	accatggacc	agatgagcag	cgcgcgggcc	tcggccagcc	360
cctacacccc	agagcacgcc	gccagcgtgc	ccaccactc	gccctacgca	caaccagct	420
ccaccttcga	caccatgtcg	ccggcgcctg	tcatcccctc	caacaccgac	taccccgac	480
cccaccactt	tgaggtcact	ttccagcagt	ccagcacggc	caagtcagcc	acctggacgt	540
actccccgct	cttgaagaaa	ctctactgcc	agatcgccaa	gacatgcccc	atccagatca	600
aggtgtccac	cccgccaccc	ccaggcactg	ccatccgggc	catgcctgtt	tacaagaaag	660
cggagcacgt	gaccgacgtc	gtgaaacgct	gccccaacca	cgagctcggg	agggacttca	720
acgaaggaca	gtctgtctcca	gccagccacc	tcatccgcgt	ggaaggcaat	aatctctcgc	780
agtatgtgga	tgacctgtc	accggcaggc	agagcgtcgt	ggtgccctat	gagccaccac	840
aggtggggac	ggaattcacc	accatcctgt	acaacttcac	gtgtaacagc	agctgtgtag	900
ggggcatgaa	ccggcggccc	atcctcatca	tcatcaccct	ggagatgcgg	gatgggcagg	960
tgctggggcg	ccggtccttt	gagggccgca	tctgcgcctg	tcctggccgc	gaccgaaaag	1020
ctgatgagga	ccactaccgg	gagcagcagg	ccctgaacga	gagctccgcc	aagaacgggg	1080
ccgccagcaa	gcgtgccttc	aagcagagcc	cccctgccgt	ccccgccctt	ggtgccggtg	1140
tgaagaagcg	gcggcatgga	gacgaggaca	cgtactacct	tcaggtgcga	ggccggggaga	1200
actttgagat	cctgatgaag	ctgaaagaga	gcctggagct	gatggagtgt	gtgccgcagc	1260
cactggtgga	ctcctatcgg	cagcagcagc	agctcctaca	gaggccgagt	cacctacagc	1320
ccccgtccta	cgggccgggtc	ctctcgccca	tgaacaaggt	gcacgggggc	atgaacaagc	1380
tgccctccgt	caaccagctg	gtgggccagc	ctcccccgca	cagttcggca	gctacacca	1440
acctggggcc	cgtgggcccc	gggatgctca	acaacctatg	ccacgcagtg	ccagccaacg	1500
gcgagatgag	cagcagccac	agcgcccagt	ccatggtctc	ggggtccac	tgactccgc	1560
caccccccta	ccacgcccag	cccagcctcg	tcagtttttt	aacaggattg	gggtgtccaa	1620
actgcatcga	gtatttcacc	tccaagggt	tacagagcat	ttaccacctg	cagaacctga	1680
ccattgagga	cctgggggccc	ctgaagatcc	ccgagcagta	ccgcatgacc	atctggcggg	1740
gcctgcagga	cctgaagcag	ggccacgact	acagcacgcg	gcagcagctg	ctccgctcta	1800
gcaacgcggc	caccatctcc	atcggcggct	caggggaact	gcagcgccag	cgggtcatgg	1860
aggccgtgca	cttcgcgtg	cgccacacca	tcaccatccc	caaccgcggc	ggcccaggcg	1920
gcggccctga	cgagtgggcg	gacttcggct	tcgacctgcc	cgactgcaag	gcccgcgaagc	1980
agcccatcaa	ggaggagttc	acggaggccg	agatccactg	agggcctcgc	ctggctgcag	2040
cctgcgccac	cgcccagaga	cccaagctgc	ctcccctctc	cttcctgtgt	gtccaaaact	2100
gcctcaggag	gcaggacctt	cgggctgtgc	ccggggaaaag	gcaaggtccg	gcccattccc	2160
aggcacctca	caggccccag	gaaaggccca	gccaccgaag	ccgcctgtgg	acagcctgag	2220
tcacctgcag	aacc					2234

<210> 8038

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (132)...(607)

<223> similar to gi2854187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8038

tttcgtgcgg	gtccgaccgc	gcacaatggg	ccatggagtt	cccgttcgat	gtggacgcgc	60
------------	------------	------------	------------	------------	------------	----

tggtcccgga	gcggtatcacg	gtgctggacc	agcacctgag	gccccagcc	cgccgacccg	120
gaaccacaac	gccggccccgt	gttgatctac	agcagcaaat	tatgaccatt	atagatgaac	180
tgggcaaggc	ttctgccaag	gcccagaatc	tttccgctcc	tatcactagt	gcatcaagga	240
tgcagagtaa	ccgccatggt	gtttatatcc	tcaaagacag	ttcagcccga	ccggctggaa	300
aaggagccat	tattggtttc	atcaaagttg	gatacaagaa	gctctttgta	ctggatgatc	360
gtgaggctca	taatgaggta	gaaccacttt	gcacccctga	cttttacatc	catgagtctg	420
tgcaacgcca	tggccatggg	cgagaactct	tccagtatat	gttgacagaag	gagcgagtgg	480
aaccgcacca	actggcaatt	gaccgaccct	cacagaagct	gctgaaattc	ctgaataagc	540
actacaatct	ggagaccaca	gtcccacagg	tgaacaactt	tgtgatcttt	gaaggcttct	600
ttgcccatac	acatcgcccc	cctgctccct	ctctgagggc	aactcgacac	tctcgtgctg	660
ctgcagtcga	tcccacgccc	gctgctccag	caagggaagct	gccacccaag	agagcagagg	720
gagacatcaa	gccatactcc	tctagtgaac	gagaatttct	gaaggtagct	gtggagcctc	780
cttgccccct	aaacagggcc	cctcgccgcg	ccacacctcc	agccccacca	cccccccgct	840
ccagcagcct	gggaaactca	ccagaacgag	gtccccctcc	cccctttgtg	ccaga	895

<210> 8039

<211> 2840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1792)...(2475)

<223> similar to gi5817857 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8039

ctcaccaccc	tgtgccgccc	tgccttggtta	cctggaagca	cagccttggg	gactgagcag	60
gccctcactg	tcactttaag	aagggaatca	gccactttgt	gctcaccacc	tctggggaag	120
gtgtgagagg	agagaaggaa	gtggctgttt	ggctgctgac	aacatgaaga	cttcctgcga	180
tgagaacaga	ggcacagggt	ccggccctgc	agccccaga	accgggactg	gagggggcca	240
tggggcgccg	gaccctggcc	ctgccctggg	tgctgctgac	cctgcgtgtc	actgcaggga	300
ccccggagg	gtgagtacaa	gttcggatgg	aggccaccga	gctctcgtcc	ttcaccatcc	360
gttgtgggtt	cctggagctc	ggctccatct	ccctggtgac	tgtgagcagg	gggggccccg	420
atggtgctgg	ggggaccacg	ctggctgtgt	tgcacccgga	acttggcatc	cagcaatggg	480
cccctgctcg	ccaggccccg	tgggaaaccc	agagcagcat	ctctctcatc	ctggaaggct	540
ctggggccag	cagccccctg	accaacacca	ccttctgctg	caagtgtgcg	tccttccctg	600
agggctcctg	ggaggcctct	gggagcctcc	cgcccagctc	aaaccagggg	ctctctgtcc	660
cgccgactcc	tgcaccttct	ctgcgggcag	acctggccgg	gatcttgggg	gtctcaggag	720
tccttctctt	tgactgtggc	tacctcttcc	atctgctgtg	ccgacagaag	caccgccttg	780
cccctaggct	cagcccatcc	cacaccagct	cctaggcact	gagagcacga	gcattgggac	840
ccagccaggc	ctcccaggct	gctctccacg	tcccttatgc	cactatcaac	accagctgct	900
gccagctac	tttgacacac	gtcaccccc	gacagggggc	cgtcctggtg	ggcatcactc	960
cccacccaca	ccgcacactg	gccccagggc	cctgctgcct	gggcctccac	atccatccct	1020
gcacatggca	gctttgtctc	tgttgagaat	ggactctacg	cttaggctgg	gcagaggcct	1080
ccctgcactg	gtcctggcct	cactcttttc	cctgacctt	ggggcccagg	gccatggagg	1140
gaccttagg	agttcaatga	gagagaccat	gaggccactg	ggctttcccc	ttcccaggcc	1200
tcctgggtgc	cacccccctt	cgttattctt	gggcctctaa	taagtgtccc	acagggtgct	1260
ggccaggccc	acctgctgca	gatgtggtct	gtgtgtgtgc	atgtgtgggt	gtgtgtgggc	1320
acagggtgtga	gtgtgtgagc	aacagtaccc	cattccagtc	gtttcctgct	gtgactaagt	1380

cagcaacaca	gttcctctga	catgggcctt	ggctgtgctt	ctttgggggt	gaagagattg	1440
gggaggaagt	ctccaccctt	gggaggcaga	agccaggcat	agcgcgctgg	ctaggactcc	1500
agtaccgtga	agggaggcag	tgagagcaga	catctgtgcc	tcattcctga	tctcaagggg	1560
aaagcaagaa	caagggaggc	ttcctcagga	tctcgaacct	gcggaaggag	gaccagtctg	1620
tgtacttctg	ccaagtccag	ctggacatac	agatcaggga	ggctgtcgtg	gcagtccatc	1680
aaggggaccc	acctcaccat	caccagggcc	ctcaggcgag	ccctccacag	ggccctcttc	1740
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cccctgctgc	tgcccctgct	gctcctgctg	cagccgccag	catttctgca	gcctgggtgg	1860
tccacaggat	ctgggtccaag	ctacctttat	gggggtcactc	aacccaaaaca	cctctcagcc	1920
tccatgggtg	gctctgtgga	aatccccttc	tccttctatt	acccctggga	gttagccata	1980
gttcccaacg	tgagaatatc	ctggagacgg	ggccacttcc	acgggcagtc	cttctacagc	2040
acaaggccgc	cttcatttca	caaggattat	gtgaaccggc	tctttctgaa	ctggacagag	2100
ggtcaggaga	gcggcttcct	caggatctca	aacctgcgga	aggaggacca	gtctgtgtat	2160
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acaaccacca	tagccggcct	cagggtcaca	gaaagcaaag	ggcactcaga	atcatggcac	2340
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gagcaccttg	aggaccttta	aaaggcaaag	ccgcaaggca	gaaggaggct	gggtccctga	2640
atcaccgact	ggaggagagt	tacctacaag	agccttcctc	caggagcatc	cacactgcaa	2700
tgatatagga	atgaggtctg	aactccactg	aattaaacca	ctggcatttg	ggggctgttt	2760
attatagcag	tgcaaagagt	tccttttatcc	tccccaaggga	tggaaaaata	caatttattt	2820
tgcttaccat	aaaaaaaaaa					2840

<210> 8040

<211> 1568

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (194)...(1492)

<223> similar to gi313765 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8040

gcggaggaat	tctgccacga	acaggccaat	aaggagggag	cagtgcgggg	tttaaactctg	60
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taggtccttg	gctggtcggg	cctccggtgt	tctgcttctc	cccgtgagc	tgtgcctgg	180
tgaagaggaa	gccatggcgc	tccgagtcac	caggaaactcg	aaaattaatg	ctgaaaataa	240
ggcgaagatc	aacatggcag	gcgcaaagcg	cgttctctacg	gcccctgctg	caacctccaa	300
gcccggactg	aggccaagaa	cagctcttgg	ggacattggg	aacaaagtca	gtgaacaact	360
gcaggccaaa	atgcctatga	agaaggaagc	aaaaccttca	gctactggaa	aagtcattga	420
taaaaaacta	ccaaaacctc	ttgaaaagg	acctatgctg	gtgccagtgc	cagtgtctga	480
gccagtgcc	gagccagaac	ctgagccaga	acctgagcct	gttaaagaag	aaaaactttc	540
gcctgagcct	attttggttg	atactgcctc	tccaagccca	atggaaacat	ctggatgtgc	600
ccctgcagaa	gaagacctgt	gtcaggcttt	ctctgatgta	attcttgag	taaatgatgt	660
ggatgcagaa	gatggagctg	atccaaacct	ttgtagtga	tatgtgaaag	atatttatgc	720

ttatctgaga	caacttgagg	aagagcaagc	agtcagacca	aaatacctac	tgggtcgggga	780
agtcactgga	aacatgagag	ccatccta	tgactggcta	gtacagggtc	aaatgaaatt	840
cagggtgttg	caggagacca	tgtacatgac	tgtctccatt	attgatcggt	tcatgcagaa	900
taattgtgtg	cccaagaaga	tgtgcagct	gggtgggtgc	actgccatgt	ttattgcaag	960
caaatatgaa	gaaatgtacc	ctccagaaat	tggtgacttt	gcttttgtga	ctgacaacac	1020
ttatactaag	caccaaata	gacagatgga	aatgaagatt	ctaagagctt	taaactttgg	1080
tctgggtcgg	cctctacctt	tgcacttcct	tcgagagca	tctaagattg	gagagggtga	1140
tgtcgagcaa	catacttttg	ccaaatacct	gatggaacta	actatggttg	actatgacat	1200
ggtgcacttt	cctccttctc	aaattgcagc	aggagctttt	tgcttagcac	tgaaaattct	1260
ggataatggt	gaatggacac	caactctaca	acattacctg	tcatatactg	aagaatctct	1320
tcttcagtt	atgcagcacc	tggctaagaa	tgcagccatg	gtaaatcaag	gacttacaaa	1380
gcacatgact	gtcaagaaca	agtatgccac	atcgaagcat	gctaagatca	gcactctacc	1440
acagctgaat	tctgcactag	ttcaagattt	agccaaggct	gtggcaaagg	tgttaacttgt	1500
aaacttgagt	tggagtacta	tatttacaaa	taaaattggc	accatgtgcc	atctgtacaa	1560
aaaaaaaa						1568

<210> 8041

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (112)...(801)

<223> similar to gi4680705 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8041

aattcgtagg	gagaccctta	ggcactccgg	actaagatgg	cggcgacggc	caggcggggc	60
tggggagctg	cggctgttgc	cgccgggctg	cgcaggcggt	tctgtcataa	gttgaagaat	120
ccatacacca	ttaagaaaca	gcctctgcat	cagtttgtac	aaagaccact	tttcccacta	180
cctgcagcct	tttatcacc	agtgcagatac	atgtttattc	aaacacaaga	taccccaa	240
ccaaacagct	taaagtttat	accaggaaaa	ccagttcttg	agacaaggac	catggatttt	300
cccacccag	ctgcagcatt	tgcctccct	ctggctaggc	agttatttag	gattgaagga	360
gtaaaaagtg	tcttcttttg	accagatttc	atcactgtca	caaaggaaaa	tgaagaatta	420
gactggaatt	tactgaaacc	agatatttat	gcaacaatca	tggacttctt	tgcactctggc	480
ttaccctgg	ttactgagga	aacaccttca	ggagaagcag	gatctgaaga	agatgatgaa	540
gttgtggcaa	tgattaagga	attgttagat	actagaatac	ggccaactgt	gcaggaagat	600
ggaggggatg	taatctacaa	aggctttgaa	gatggcattg	tacagctgaa	actccagggt	660
tcttgtacca	gctgccttag	ttcaatcatt	actctgaaaa	atggaattca	gaacatgctg	720
cagttttata	ttccggaggt	agaaggcgta	gaacagggtta	tggatgatga	atcagatgaa	780
aaagaagcaa	actcacctta	aaataatctg	gattttcttt	gggcataaca	gtcagacttg	840
ttgataatat	atatcaagtt	tttattatta	atatgctgag	gaacttgaag	attaataaaa	900
tatgctcttc	agagaatgat	atataa				926

<210> 8042

```

<211> 912
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (67)...(670)
<223> similar to gi5578990 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8042
aattgaattc gagttcccta gtccagtgcg gtggaattcg tctgggaagg agagaaaatg      60
gcggcggagc cgaacaagac cgaaatccag actcttttta agaggcttcg cgcagttcca      120
accaacaagg cctgtttcga ctgcggcgcc aagaatccga gttgggccag catcacgtac      180
ggtgttttct tgtgcattga ctgttccggg gtgcaccgct ccctgggcgt ccactctgagc      240
ttcatcaggt ccacagagtt ggattccaac tggaaactggt tccagctgag gtgtatgcag      300
gtcggcggga atgccaatgc gacggctttt tttcgccaac atggatgcac agccaatgat      360
gccaacacca aatataatag ccgagctgcc cagatgtacc gggagaagat ccggcagctg      420
gggagtgcgg ccctggctag gcatggcact gatctttgga tagacaacat gagtagtgcc      480
gttcctaatc actccccaga gaagaaggac tctgatttct tcacagaaca cactcaaccc      540
cctgcctggg atgcgccagc cactgagcct tcagggaccc agcagccagc cccgtctaca      600
gagagcagtg gcctggcaca gccggagcat ggccccaaac cagacctgct tggcacctca      660
cccaaagcct cactggaact gaaaagctcc atcattggca agaagaagcc agcagcagct      720
aagaaagggc tgggtgccaa gaaaggccta ggggccaga aggtgagcag ccagagcttc      780
agtgagattg agcggcaggc tcaggtggca gagaagctcc gtgagcagca ggcagccgat      840
gccaaagaagc aggcggagga gtccatggtc gcctccatgc gtctggccta ccaggagctc      900
cagattgatc gt                                     912

```

```

<210> 8043
<211> 1623
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1569)...(888)
<223> similar to gi4454690 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8043
aatacatgga ggcagggact ttgggtcaaa ttactggggg aaatggaaaa gttaatatgt      60
atgtagtagg gaacaggggt tatactaggt taggcagaga agccttggag ttttctcaga      120
atctgcactg aggggttaagg gaggtatcta tgaaaggggt tgcaacttcc ccaaaccgca      180
gcaactccag ccagttttccc ggtactgcct tgccctggtt ttgcaggtgt ggctggaccc      240
agtttaaata tctggccaca agctcagcca gactctggtt ccctcggtct ttcactccca      300
ctgggcttct ggtcccagcc ccactctcagt cactgtggtt ggtcagaaga cagtaaattc      360
caaacttgat tagttgcaaa gtccatctgg cttgggtttc tgttgctgat agagagacca      420

```

ggggagtttc	tgtgtgagag	aacggggggac	tattctcact	tcttccaccg	cacaagctgc	480
tcaaggtggg	ctgcatggct	ggtctggctg	gaaatactga	aacagctctc	cttcacctac	540
ccctagagta	ggccggatgt	gaccccagga	atgagaatat	accagggcag	atacagacac	600
agaaatgttt	tgcttgatgg	cattaggttt	attttgtggg	aaagcagaat	tggggctctc	660
tgaaaggcac	ttgtgaggca	tagaagtaaa	ggttgccaca	tggctaattg	tggacgtctt	720
cctggcatcc	ttgggggtag	gggaaagaca	gacagctccc	agggccacag	aaaatacctc	780
tatcagatag	agaaatccga	gtcccagtgc	cttatggtgg	agccaagggg	taagcagatg	840
gcctgctttt	tttatacgaa	gagtttgctt	cctccgggca	atcttaaagt	ctggcattca	900
cggctggagg	tatagggccc	atccacttct	ctcccagcag	gtgcgccagc	agctccatcc	960
ggtcagagcc	aaataacatg	tgggtttggc	catccacatg	ggccacgggt	atgggcagcc	1020
caaaggctcc	gtatctgcag	gctgcctcag	tggctctcctt	gagctggttc	ttcacctttg	1080
gcgttgcgat	cttttccaga	agtccctggg	cttggtctgc	agacatacca	gccttctctg	1140
cagccgccag	gatgctctgc	ggctcgggtg	tgtcttcatt	ccttgaccag	acgcgcatcc	1200
acagctcccg	ggacgctttc	tccagcatct	ctggatgctc	caagttcacg	gcggtgagga	1260
aacgcatggc	agacaaaactt	cctttttcaa	gcatcacaga	caagaaatcc	ttggggaagt	1320
ggatgggaat	ctggagatgg	tgtctcagga	gctttaagtc	atttgccatg	tatagtcctt	1380
tgcggggaag	cagacctgga	ggcttgtttc	cactgtcttt	catgatccct	gttatgaggc	1440
tgggccgcaa	ctgcaggttg	atgttccaga	tattctgata	ccggcacagg	atctcgaagc	1500
ccagccagga	gtagggggac	agcacgtcat	agaagagctc	cacggtgcgc	ggcagggggc	1560
ccatgctgca	ggctccggaa	gagcagtggc	agcaggagct	ccttttcccg	gaacccggca	1620
gag						1623

<210> 8044

<211> 1619

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1115)...(693)

<223> similar to gi4929649 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8044

cctttttttt	ttttttaaca	tcaaatttgg	tttattttcaa	gtttgtaaca	aaatatattc	60
taggcaactt	ttcagacatt	gttttatagc	atcataaacc	ccataccact	gctgtcattc	120
caaaagctgc	caggacactg	gaagttatca	agtgggtccag	cccaggaata	caggtagaat	180
tcacatgata	ggtgataaga	aagcaatgtc	tgtggggccac	tctgatccct	ctttttacct	240
tggtaggtaa	ggtatgatct	taagactata	tgtactgagt	cctattagtc	agtgaaaaag	300
attaaagtga	caagttatgt	gctttgttcc	tatagctttg	aagttcatcc	acctcaccag	360
caattggaag	gtctcaggtc	ttgcaggctc	tacccatgtg	taatcctggg	gcagggtgtga	420
atcttgattt	ttttaagaga	ttactcaagg	gagagaacaa	cagaaacgga	agccatgagt	480
actgccccaa	ttctagatta	ggttagaggt	tagaataaat	taactaatgg	ggagtggtag	540
tgggtagcag	tcagacccag	gagacagatt	tgtgtggttt	cctgatctca	gcaaggtcta	600
aggaaaaaag	cctccccgcc	ccccacctt	aaatagtggc	atcaagtcat	gaaggccagt	660
gaaacgtggg	tagtctcgta	aaatgacttc	cagttcttcc	aggtecttct	ggatagccaa	720
atcctccttc	gtgacatctg	gcagctccag	ggccaacttc	atccaccatc	tagcttcaga	780
gtttttccct	agttctctgt	agcacttgga	aatatatacc	cttcctgctt	tggaaaaatcc	840
tggctgtagt	tcttcagcct	ttaggaagct	ctggagggca	tcttccacag	tggcactgag	900
agggctttca	agcaaggctg	tagcagtttt	tttttctagc	cagctcaggt	gagagacctg	960

atagcaccac	ctgccaaagaa	gaaagtgagc	catgggggttt	tctggctgga	gagcaatggc	1020
tttgtccaca	tgctccttga	agctaaagcc	actctggatg	cgcctctgga	tgctctcatg	1080
ctcagccagc	tgaccacaaa	gcaccgcata	cctagggggg	aagcagcaag	ctcagggaca	1140
agggctgagt	accatcactg	caaggaatgg	atgccccaac	cacagcctag	ttgcattgtc	1200
cgctatccct	gtaccctcaa	ctagagctga	aaatacctaa	ttttcatctg	tacgtaatcc	1260
ccattcttta	cggacctctg	gcccccaatta	gtattcttta	gtagataatg	gtaggcttac	1320
aagtctccaa	agtattctag	gtataaaaaa	agctgggttc	accacagtaa	atctctctta	1380
cacagtaa	ctctcctaca	ctcataagga	gtacagccac	aggcattaat	aaaaacttga	1440
aaagcatgaa	aacaatcagc	ataaaaagtat	gagacctgac	tatactactt	atcttctggg	1500
cagacaaaaa	agtgggtctc	attagccttt	aagcatacag	gtgtatcact	gggacttggg	1560
aagcaatttc	ttaggatagt	cacattggga	ggggatattc	taggaatttc	tgatgttac	1619

<210> 8045

<211> 2191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (39)...(379)

<223> similar to gi927071 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8045

agctgcagcg	gcagaggcag	catccagcgg	cggcgccagc	agttccagtc	cgttgcttta	60
ctttttgctt	caccgacata	gtcattatgc	cgaagagaaa	gtctccagag	aatacagagg	120
gcaaagatgg	atccaaagta	actaaacagg	agcccacaag	acggctctgcc	agattgtcag	180
cgaaacctgc	tccaccaaaa	cctgaaccca	aaccaagaaa	aacatctgct	aagaaagaac	240
ctggagcaaa	gattagcaga	ggtgctaaag	ggaagaagga	ggaaaagcag	gaagctggaa	300
aggaaggtac	tgcaccatct	gaaaatggtg	aaactaaagc	tgaagagatc	cacatctctc	360
gctcaactgt	taatgtctca	acctccagag	gcacccacc	cagcacactg	tcagtaaagg	420
ggcagattga	aacagtgaga	gttaagggca	cagaaaactg	aatctgtaga	taacgaggga	480
gaatgaattg	tcatgaaaaa	ttgggggtga	ttttatgtat	ctcttgggac	aactttttaa	540
agctattttt	accaagtatt	ttgtaaatgc	taatttttta	ggactctact	agttggcata	600
cgaaaaatata	taaggatgga	catttttatcg	tctcatagtc	atgctttttg	gaaatttaca	660
tcctcctcaa	gtaaaataaa	tatcagttaa	atatttggaag	ctgtgtgtaa	gattgattca	720
gcattccatg	cacttgcttt	aaaatttagt	cctgtgcata	ctgtggtggt	tttactgtgc	780
atatttgaat	ttttttgcag	acaagtaaac	cttttatatt	aaaccacaaa	tagtcagcag	840
gtggccacaa	ctatccatgt	ttcattaaaa	tcacataaaa	cctaggtaca	aaagcaccac	900
tgattattgc	tctagaaaaa	ctgcatgaaa	aattcaaata	tgcacagtaa	aaacaccaca	960
gtatgcacag	gactaaattt	taaagcaagt	gcatggaatg	ctgaatcaat	cttacacaca	1020
gcttccaata	tttaactgat	atttatttta	cttgaggatg	atgtaaattt	ccaaaaagca	1080
tgactatgag	acgataaaat	gtccatcctt	atatattttc	gtatgccaac	tagtagagtc	1140
ctaaaaaatt	agcattttaca	aaatacttgg	taaaaatagc	ttttaaaagt	tgtcccaaga	1200
gatacataaa	atcaacccca	atttttcatg	acaattcatt	ctccctcggt	atctacagat	1260
tcagttttct	gtgcctgtga	aaaagaaagg	aaaaaaaaaac	atatagttaa	tactgaaact	1320
actataagca	aaggaaattg	ccaccaccca	acacacacag	ttttggaaca	tttgttttct	1380
tttttttttt	ccagcttttac	tgcaaaacct	atttcaactt	tgagtgaaga	agacaaggca	1440
ggaatatatt	acacaaacac	tttgtttcat	ttaatgcttt	ctgcttttca	aacccccaca	1500
gaagccttac	ctgcaagctc	ccacttttta	taatgattaa	aaaaaaaaaa	ccaccacact	1560

actatctgat	tctagtcact	gcaaacatgc	agaattttct	actgtaccct	taactctcac	1620
tgtttcaatc	tgccccttta	ctgacagtgt	gctgggtggg	gtgcctctgg	aggttgagac	1680
attaacagtt	gagcgagaga	tgtggatctg	caataacatt	acaggcaata	aaaagagaca	1740
ttaagaacgt	gctatcaccg	gctgaaggat	tgagaaattt	ctttaagac	actgattcaa	1800
tcagtgggag	gtattttatgg	aaagtacctc	ttcagcttta	gtttcaccat	tttcagatgg	1860
tgcagtacct	tcctttccag	cttctgctt	ttcctccttc	ttccctttag	cacctctgct	1920
aatctttgct	ccaggttctt	tcttagcaga	tgtttttctt	ggtttgggtt	caggttttgg	1980
tggagcaggt	ttcgctgaca	atctggcaga	ccgtcttggt	ggctcctgtt	tagttacttt	2040
ggatccatct	ttgccctctg	tattctctgg	agactttctc	ttcggcataa	tgactatgtc	2100
ggtgaagcaa	aaagtaaagc	aacggactgg	aactgctggc	gccgccgctg	gatgctgcct	2160
ctgccgctgc	agctgctcac	gcgcagggca	c			2191

<210> 8046

<211> 1648

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (115)...(1091)

<223> similar to gi5327002 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8046

tttcgtcccc	gggagagtg	gcctctgctc	gtgggtgggt	ctcgtggagg	tcagctcccc	60
cgtgtctccc	ctcgacaggg	tgcttgggca	gagcccatcg	ggtaggcgcg	ggccatggcg	120
cagtacaagg	gcacatgctg	cgaggcaggc	cgtgccatgc	acctcctcaa	gaagcgcgaa	180
aggcagcggg	agcagatgga	ggtgctgaag	cagcgcacgc	ccgaggagac	catcctcaag	240
tcgcaggtgg	acaagaggtt	ctcggcgcat	tacgacgccg	tggaggccga	gctgaagtcc	300
agcacggtgg	gctgggtgac	cctgaacgac	atgaaggccc	ggcaggaggc	cctggtcagg	360
gagcgcgagc	ggcagctggc	caagcgccag	cacctggagg	agcagcggct	gcagcaggag	420
cggcagcggg	agcaggagca	gcggcgcgag	cgcaagcgta	agatctcctg	cctgtccttt	480
gcactagacg	acctcgatga	ccaggccgac	gcggccgagg	ccaggcgcg	cggaaacctg	540
ggcaagaacc	ccgacgtgga	caccagcttt	ctgccagacc	gtgaccgcga	ggaggaggag	600
aaccggctcc	gagaggagct	gcgccaagag	tgggaggcgc	agcgcgagaa	agtgaaggac	660
gaggagatgg	aggtcacctt	cagctactgg	gacggctcgg	gccaccggcg	cacggtgcgg	720
gtgcgcaagg	gcaacacggg	gcagcagttc	ctgaagaagg	cgctgcaggg	gctgcgcaag	780
gacttcctgg	agctgcgctc	cgccggcggt	gagcagctca	tgttcatcaa	ggaggacctc	840
atcctgccgc	actaccacac	cttctacgac	ttcatcatcg	ccaggggcgag	gggcaagagc	900
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gagaaggacg	agtcgcacgc	gggcaagggt	gtgctgcgca	gctggtacga	gaagaacaag	1020
cacatcttcc	ccgccagccg	ctgggaggcc	tatgaccccg	agaagaagtg	ggacaagtac	1080
accatccgct	aacacccgcc	tgccagagcg	gaaaccgggg	gtggggggag	acactcattt	1140
ctaggcccca	tcaccagtca	cttgatttctg	tgaccttgat	ttcttcccc	aaatttaata	1200
aagacagagg	gttctcatga	ttcacattgg	ttgtgctatt	gctgatgtta	tgctttgggt	1260
gcttggttgg	tcttttctga	gtatttttagt	gttgccacct	ggatttgcct	gccattgctc	1320
ctgcctgaag	cctgtaattg	aaaacccatg	actgggcccc	actgtccaga	cagaaattag	1380
aataggaggc	cacatttttt	accctgggtg	ttatgaagcc	atggacttgg	gggcccacag	1440
tgaactgagt	ttgattcccc	gacacagcct	cctccttgct	gtgtagtttt	gggtaagctt	1500
attaaacccc	catgcctcag	tttggtcacc	tgtaaaagga	aataacaaga	gcacttactt	1560

tataagattg atgtgagtat taagtgaatt aatatttgta aaacgcttag ctcttaataa 1620
atgtttctgt tgttattaaa aaaaaaaa 1648

<210> 8047
<211> 1292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (257)...(907)
<223> similar to gi5302783 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8047
tttcgtgcg cgccgcccc agagctgcgc cgggagagct gtgccgcgag cctccgcctc 60
ttttttggca ccgcacagtg gatccctgga ggccgagcgc cacgccgccc gggtaacccg 120
cagatcgcca ggtggaacgg gccgtcgctg cgggggacag cgttccgagg cagttggtcc 180
tctccaggat gccgtaggca tcagctgacc ggcccagccc acgtgactac aggggcactt 240
gatgggaatc atggcagcat ccaggccatt gtcccgcctt tgggagtggg gaaagaacat 300
cgtctgcgtg gggaggaact acgcggacca cgtcagggag atgcgcagcg cgggtgttag 360
cgagcccgtg ctgttcctga agccgtccac ggcctacgcg cccgagggct cgcccatacct 420
catgcccgcg tacactcgca acctgcacca cgagctggag ctgggctgtg tgatgggcaa 480
gcgctgccgc gcagtcccc aggctgcggc catggactac gtgggctggc atgccctgtg 540
cctggatatg accgcccggg acgtgcagga cgagtgcagg aagaaggggc tgccctggac 600
tctggcgaag agcttcacgg cgtcctgccc ggtcagcgcg ttcgtgcccc aggagaagat 660
ccctgaccct cacaagctga agctctggct caaggtaaac ggcgaactca gacaggaggg 720
tgagacatcc tccatgattt tttccatccc ctacatcatc agctatgttt ctaagatcat 780
aaccttgga gaaggagata ttatcttgac tgggacgcca aaggaggattg gaccgggtta 840
agaaaacgat gagatcgagg ctggcataca cgggctggc agtatgacat ttaaagtggg 900
aaagccagaa tattgagtta tttcttaaca agtttcgaga gagaagttag caagacaaga 960
gcaagcaacg gctattaaat gtcacaatcc tttaattaga aaccatttat tggccggacg 1020
cggtcgtcac gcctgtaatc atagcaacttt gggaggccga ggccggcgcc tcacgaggtc 1080
aggagatcca gaccatcttg gctaacaggg tgaaaccccg tctctactaa aaatacaaaa 1140
aattagccgg gcgtgggtggc gggcgccctt agtcccagct actctggagg ctgatgcagg 1200
agaatcaatt gaaccctgga ggcggagctt acagtgagtt gagattgcgc cactgtactc 1260
ctgggcaaca tgcggatccg tctcaaaaaa aa 1292

<210> 8048
<211> 1782
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (101)...(1214)

<223> similar to gi5262487 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8048
tttcgtggct gcgtggtacg ccatggtgac agggctgttc ccggggaggc tgtgatgggt 60
tgacaggtgc gtgacagtgg gagctgctct cggcacaagc atgtacggca aaggcaagag 120
taacagcagc gccgtcccgt ccgacagcca ggccccgggag aagttagcac tctacgtata 180
tgaatatctg ctccatgtag gagctcagaa atcagctcaa acatttttat cagagataag 240
atgggaaaaa aacatcacat tgggggaacc accaggattc ttacattctt ggtgggtgtg 300
attttgggat ctctactgtg cagctccaga gagacgtgaa acatgtgaac actcaagtga 360
agcaaaagcc ttccatgatt acagtgtctg agcagctccc agtccagtgc taggaaacat 420
tccccagga gatggcatgc cagtaggtcc tgtaccacca gggttctttc agccttttat 480
gtcacctcgg taccctggag gtccaaggcc cccattgagg atacctaatc aggcacttgg 540
aggtgtccca ggaagtcagc cactactccc cagtggaaatg gatccaactc gacaacaagg 600
acatccaaat atgggtgggc caatgcagag aatgactcct ccaagaggaa tggtgccctt 660
aggaccacag ttcttgacct cttggttatc attacagaac tatggagggtg caatgagacc 720
cccactgaat gctttagggtg gccctggaat gcctggaatg aacatgggtc cagggtgggtg 780
tagaccttgg ccaaacccaa caaatgccaa ttcaatacca tactcctcag catctcctgg 840
gaattatgta ggctctccag gaggtggagg gccaccagga acacccatca tgcctagtcc 900
agcagattca accaactctg gtgataacat gtatacttta atgaatgcag tacctcctgg 960
acctaacaga cctaattttc caatgggccc tgggtcagat ggtcccatgg gtggattagg 1020
aggaatggag tcacatcaca tgaatggctc tttaggctca ggagatatgg acagtatttc 1080
caagaattct cccaataata tgagcctgag taatcaaccg ggactccaa gggatgatgg 1140
cgaaatgggg ggaattttct taaatccttt tcagagttag agttactccc ctacatgac 1200
aatgagcgtg tgatccatta ccaagtctcc tcatgaaaac cacagttagt cagcccttca 1260
cagaactact acggaagaaa attattcatc acagtgtaca gttaaacaaa ggaatctcag 1320
tcacaccaa ccaacctttt tatttcctgc tctctcccct cttttgtgaa gaaagcgggt 1380
ccaaatgtga ttcaaacaac tgtacggagt ggcatattag aattgcccta aactgaactg 1440
caaataatta tgttgttatg tatatgtgtg ggaaagagaa tgtactgtat atgtgtatgt 1500
tatacagaca tatacacata catacattga cccacaggac attgtaaaat attatcacat 1560
gacatcttaa gtagaaataa gtagggactt ttattccatc ctttttttca cgtttacatt 1620
ttaattatta caagttgctc ctgccccctc cctgaactat tttgtgctgt gtatatcact 1680
gctttatata agttattttt taaggtgaac tcagatgtta tggttttgta aatgtctgca 1740
atcatggata ggaataaaat cgcttatttg agagctttca tc 1782

```

<210> 8049
<211> 2240
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (138)...(692)
<223> similar to gi163722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8049

tttcgtgcgc	ggcagcggca	ggaccgccgt	ggcgcctaga	gtagcgaccc	gggggggagcg	60
cggggcgacg	ctggctgcag	ggaccgggtg	acagcgtgag	aggttcgcag	agtactaggt	120
tttgacaagc	ttgcatcatg	cgtgagtata	agctagtcgt	tcttggctca	ggagggcgttg	180
gaaagtctgc	tttgactgta	caatttgttc	aaggaatttt	tgtagaaaaa	tacgatccta	240
cgatagaaga	ttcttataga	aagcaagttg	aagtagatgc	acaacagtgt	atgcttgaaa	300
tcttggatac	tgcaggaacg	gagcaattta	cagcaatgag	ggatttatac	atgaaaaatg	360
gacaaggatt	tgcattagtt	tattccatca	cagcacagtc	cacatttaac	gattttacaag	420
acctgagaga	acagattcct	cgagttaaag	acactgatga	tgttccaatg	attccttgttg	480
gtaataagtg	tgacttggaa	gatgaaagag	ttgtagggaa	ggaacaaggt	caaaatctag	540
caagacaatg	gaacaactgt	gcattcttag	aatcttctgc	aaaatcaaaa	ataaatgtta	600
atgagatctt	ttatgacctt	gtgcggcaaa	ttaacagaaa	aactccagtg	cctgggaagg	660
ctcgcaaaaa	gtcatcatgt	cagctgcttt	aataacttaa	atgcattgta	gctctgagcc	720
aggctctgaag	aactgttgcc	caattcaaca	gtgccagcat	tccaactttg	ttaaacctac	780
caacatctta	aatggacttt	cctgtggtgg	taccctttta	gaggcggtatg	aaagctacta	840
tatcagtttg	cacattctaa	tcactttcca	gtatcacaag	agagattttt	acttatataa	900
tagtcctaga	gtttgcagct	ggtaaaacca	gaggctacat	ccagtattac	tgctaagaga	960
cattcttcat	ccaccaatgt	tgtacatgta	tgaaaatggt	gtactgtata	ctttaacatg	1020
ccccatactt	tgtattggag	agtacaataa	tgtaaactct	aaaagcacca	ctatttttagc	1080
ataataaaaag	aaagtccaaa	gagctcctat	atagactact	ccagataact	tcgcttcttt	1140
gatacttgta	gcttattgta	atttttttta	agaaattcaa	ggtcattatt	attgtacaaa	1200
ataagcgctt	tgattaacac	agctatatag	tttttttaat	ttttaaaaaa	cctgtggaga	1260
cgggtgatctt	gtctttaaaa	catgatagtc	ctttcagtat	aatgtcttag	attaaagacg	1320
ttgcctttta	tatctgttgg	gaaggaaatg	tccagacttt	tcaaactctct	tattatatgt	1380
ttcctttttt	tgtttacata	gggaacaatg	tttatagtcg	tgtgtacagt	gggggtctac	1440
aacaagaagt	gtatattttc	aaacaatttt	ttaatgattt	aacaattttt	gtaaatcatt	1500
ttcaggcttc	tgcagctgta	gattctcact	gtgaatccct	tgcttgctca	tgcataagtg	1560
tatttgcaat	accaaataa	caggtttagt	atttttgcct	gttagtgatt	gtttcacatg	1620
tgtaacgttt	tggttgagat	gttaaattgt	ggacgagtac	tgtggatgtg	aatgtgggaa	1680
gtaattttta	tcatatgtaa	ttggtcacaa	ggcctaattt	gcagtaacta	ttgctgtttt	1740
atttaacaat	gccttgttgc	tttgtatgca	ttaatgtttg	gatgtaaaaga	ttgtgtgtct	1800
atccaacagg	gagccacagt	atttaaattg	accaacctaa	tgttacaact	actttgaggt	1860
ggccaaatgt	aaactaaaag	ccttaattaa	agtggtgcaa	ttttgtataa	cttagcatca	1920
gtagttcaat	aaatttgac	cactttaatt	aaggcttttag	tttacatttg	gccacctcaa	1980
agtagttgta	acattaggtt	ggccaattta	aatactgtgg	ctccctgttg	gatagacaca	2040
caatctttac	atccaaacat	taatgcatac	aaagcaacaa	ggcattgtta	aataaaaacag	2100
caatagttac	tgcaaattag	gccttgtgac	caattacata	tgattaaaat	tacttcccac	2160
attcacatcc	acagtactcg	tccaccattt	aacatctcaa	ccaaaacggt	acacatgtga	2220
aacaatcact	aacaggcaaa					2240

<210> 8050

<211> 496

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (423)...(92)

<223> similar to gi57119 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8050
tttttttttt ttaaggtagt aagtttttta atccacttaa aaatacaaga gcacaaatcc      60
acattttattt attgattttt cgttagttta aatccttgag gggtagagca tcactcggat      120
tctgtgtcca atggccttag caggaagatt gcttcggaat ttggcacgaa ccatgccact      180
gtttccatgg gcccgagtta cttttcccca gatgactctg gttttgtttg gtttgccgcc      240
aggagtgact gtgttgttct ttgctttata tacataagcg catctcttgc ccaaatagaa      300
ttctgtttca tctcgggcgt aaacaccttc aattttaaga agagctgtgt gtcacctttg      360
gttccggaga ccccgttat agccagcaaa aatggccttg gaccacagcc ttccagacat      420
agttcctttt agaagtcceg ctcccagcag gccccacag gagccaagat ggcggtaaga      480
gaaagcgggg gggggg

```

```

<210> 8051
<211> 1956
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1957)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (50)...(1496)
<223> similar to gi4678722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8051
tttcgtctca agcaggattc ttcccagatc cctggcatcc tcagaagctt caactctgga      60
ggcaatgggt cgaaaggaag aagatgactg cagttcctgg aagaaacaga ccaccaacat      120
ccggaaaacc ttcattttta tggaagtgtt gggatcagga gctttctcag aagttttcct      180
ggtgaagcaa agactgactg ggaagctctt tgctctgaag tgcatacaaga agtcacctgc      240
cttcggggac agcagcctgg agaatgagat tgctgtgttg aaaaagatca agcatgaaaa      300
cattgtgacc ctggaggaca tctatgagag caccaccac tactacctgg tcatgcagct      360
tgtttctggg ggggagctct ttgaccggat cctggagcgg ggtgtctaca cagagaagga      420
tgccagtctg gtgatccagc aggtcttgtc ggcagtgaag tacctacatg agaatggcat      480
cgtccacaga gacttaaagc ccgaaaacct gctttacctt acccctgaag agaactctaa      540
gatcatgata actgactttg gtctgtccaa gatggaacag aatggcatca tgtccactgc      600
ctgtgggacc ccaggctacg tggctccaga agtgctggcc cagaaaccct acagcaaggc      660
tgtggattgc tgggccatcg gcgtcatcac ctacatattg ctctgtggat accccccatt      720
ctatgaagaa acggagtcta agcttttcga gaagatcaag gagggctact atgagtttga      780
gtctccattc tgggatgaca tttctgagtc agccaaggac tttatttgcc acttgcttga      840
gaaggatccg aacgagcggg acacctgtga gaaggccttg agtcacccct ggattgacgg      900
aaacacagcc ctccaccggg acatctaccc atcagtcagc ctccagatcc agaagaactt      960
tgctaagagc aagtggaggc aagccttcaa cgcagcagct gtggtgcacc acatgaggaa     1020
gctacacatg aacctgcaca gcccgggcgt ccgcccagag gtggagaaca ggccgcctga     1080
aactcaagcc tcagaaacct ctagaccagc ctcccctgag atcaccatca ccgaggcacc     1140
tgtcctggac cacagtgtag cactccctgc cctgacccaa ttacctgcc agcatggccg     1200
ccggcccact gccctgggtg gcaggtccct caactgcctg gtcaatggct ccctccacat     1260
cagcagcagc ctggtgccca tgcatacagg gtccctggcc gccgggccct gtggctgctg     1320

```

ctccagctgc	ctgaacattg	ggagcaaagg	aaagtccctc	tactgctctg	agccacact	1380
cctcaaaaag	gccaacaaaa	aacagaactt	caagtcggag	gtcatggtac	cagttaaagc	1440
cagtggcagc	tcccactgcc	gggcagggca	gactggagtc	tgtctcatta	tgtgattcct	1500
ggagcctgtg	cctatgtcac	tgcaattttc	aggagacata	ttcaactcct	ctgctcttcc	1560
aaacctggtg	tctatccggc	agagggagga	aggcagagca	agtggagcag	ggcttagcag	1620
gagcagtttc	tggccagaag	caccagcctg	ctgccagcgg	ggcagcccct	cataggaggc	1680
ccaggaggga	gccccaaagg	gtagaagcct	tggtgaagct	gtgagcagga	gaagcgggtg	1740
ccaccagctt	ccaggtctcc	ctgacctgcc	tgctctatgc	cccacaccct	acgtggcctg	1800
ggctctgtgc	agtgttacgt	tagatagctc	tgcctgggt	ctgtgctgtt	tgtcgtgaaa	1860
agcttaatgg	gctggccagg	ctgtgtcacc	ttctccaagc	aaagccatat	ggagcatcta	1920
cccagactcc	cactctgnac	acactcactc	ccacct			1956

```

<210> 8052
<211> 2243
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (341)...(835)
<223> similar to gi7347 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8052						
tttcgtgtcg	gagcgagcgc	gagtgaggag	acccccgccg	ggccactggc	acttgtttct	60
gcggcgagtc	ccaccacga	ccgcagccca	gcaactcgca	aacgcaacct	gaagcctggg	120
ctgcgcagtg	tgggagggct	tcgcgatctt	gggggaccca	ttccgaactt	gcagaggacc	180
gtagctctcc	tggcctggag	agtgtgaaca	ggattgtgga	ctcttccaag	attcacaatg	240
atatggtgaa	tccaaagact	ggaaccaaaa	agatttactc	agtgttttag	ttttaacaac	300
agtaaatgt	ctaccaacac	ccatcatggc	taaaagtgcg	gaggtcaaac	tggcaatatt	360
tgggagagca	ggcgtgggca	agtcagctct	tgtagtgaga	tttctgacca	aacggttcat	420
ctgggaatat	gatcccaccc	tcgaatcaac	ctaccgacac	caagcaacca	tcgatgatga	480
agttgtttcc	atggagatac	tagacactgc	tggtcaggaa	gataaccattc	agagggaggg	540
gcacatgcga	tggggggaag	gctttgtgct	ggtctacgac	attactgacc	gaggaagttt	600
tgaggaagtg	ctgccactta	agaacatcct	agatgagatc	aaaaagccca	agaatgtgac	660
tctcatcttg	gttggaacaa	aagctgactt	ggaccactcc	aggcaggtta	gcacagaaga	720
aggagagaag	ctggccacag	aattggcttg	tgctttttac	gagtgtctctg	cctgcactgg	780
agaagggaac	atcacagaga	tattctatga	attgtgtcga	gaggtgcgtc	gccggaggat	840
ggtgcagggc	aagacgaggc	gacgcagctc	caccacgcat	gtcaagcaag	ccattaacaa	900
gatgctcacc	aaaatcagta	gttaggcagc	ccagctgagg	tggaccaact	aattggaaac	960
actcttcccc	ttctgtttcc	ctttcaaaaa	taaaacaaaa	tattgcattc	tttgtttgga	1020
ttctgagaaa	tgtctgggct	tcccattggt	tctggcctct	aataggttgg	gaagttttag	1080
cgtgttttat	gcaatttcag	tgctaacaat	ttcttctttt	cctgcttgaa	taagatacac	1140
tctaattggca	tttgaacatg	taatcaccag	agattctgaa	atgactggtt	tatgttaagc	1200
tatttttagg	catcttcacc	ttgctttaag	taggttgaag	tttttgcaaa	ggcattttaa	1260
aattcaattt	cttgtcagat	actacaaata	attttcttaa	aagtctaaga	tagcagaaaa	1320
tacagtaaaa	acacaggaga	agaagctgag	ctattggaac	aggaaataga	aggaaactcta	1380
gtttctgttt	gaagtgagga	ttttctgaat	tatctaatat	catctaggtt	ttctttaaaa	1440
ttttattttg	ttcttcagtt	caagcatctt	ctcactaatg	tttttacta	taacagagaa	1500
ttcatattcaa	tttgagttgg	ttctctcaat	gatctattga	tcattacacc	ctaactctcc	1560

ttccttggct	caaacaatat	tttccctata	acaaaggcaa	taggacacaa	aattcacatc	1620
ctgctgggcc	ttttttcatc	aagtcagggt	gatataaaaa	cattggaagt	cttttcacca	1680
aaccctgact	ttattgaatg	ctagtagaag	atgtagaatt	agagacatct	gatttgttta	1740
tcaccttagc	agaaaaacca	cagtcacaaa	gacaagcaaa	ttaagaatgg	agcttaacca	1800
tgcctccatt	gggaagtcta	gactttgagc	caggtagagt	aagaaaaatt	agcctctgat	1860
tcattaagtt	tgccacatga	cttattttga	tattttggat	acattaactc	acttaggaga	1920
attcagaaaa	gaatgggtga	ttaaagttca	ttacagctga	ataaatgtgt	ctaaaacaga	1980
ctcttgattt	ctgaaagtac	agtctacaac	tgataaaacc	ttatgattct	tttctcccc	2040
attatgcccc	tatatatata	aagatttggt	tactttatct	tagtagaaaa	tatatatctt	2100
ttacatatgt	atgtatttat	aaatgcatag	atatatgtat	aaaaatttgt	aagcgttagc	2160
ggcattaatt	caccaatgca	tttggaaca	ttgatgtaac	tgactttatt	ttatgtgact	2220
ataataaaaa	gcataatctt	ctc				2243

<210> 8053

<211> 1124

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (125)...(895)

<223> similar to gi4416432 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8053

tttcgtgttg	acaattacgt	ctgggtccaa	gcaaacaatga	ggcagctgcc	agccgggctg	60
ggcagctctg	tctgcctcgg	ctgtgaagtg	gggaggctgg	caacagtttt	cttcagcgcc	120
caggatgcag	ccggctaagg	aagtgacaaa	ggcgctcggac	ggcagcctcc	tgggggacct	180
cgggcacaca	ccacttagca	agaaggaggg	tatcaagtgg	cagaggccga	ggctcagccg	240
ccaggctttg	atgagatgct	gcctgggtcaa	gtggatcctg	tccagcacag	ccccacaggg	300
ctcagatagc	agcgacagtg	agctggagct	gtccacgggtg	cgccaccagc	cagagggggt	360
ggaccagctg	caggcccaga	ccaagttcac	caagaaggag	ctgcagtctc	tctacagggg	420
ctttaagaat	gagtgtccca	cgggcctggt	ggacgaagac	accttcaaac	tcatttacgc	480
gcagttcttc	cctcaggag	atgccaccac	ctatgcacac	ttcctcttca	acgcctttga	540
tgcggacggg	aacggggcca	tccactttga	ggactttgtg	gttggcctct	ccatcctgct	600
gcggggcaca	gtccacgaga	agctcaagtg	ggcctttaat	ctctacgaca	ttaacaagga	660
tggctacatc	accaaagagg	agatgctggc	catcatgaag	tccatctatg	acatgatggg	720
ccgccacacc	taccccatcc	tgcgggagga	cgcgcggcg	gagcacgtgg	agagggtcct	780
cgagaaaatg	gaccggaacc	aggatggggg	agtgaccatt	gaagagttcc	tggaggcctg	840
tcagaaggat	gagaacatca	tgagctccat	gcagctgttt	gagaatgtca	tctaggacac	900
gtccaaagga	gtgcatggcc	acagccacct	ccacccccaa	gaaacctcca	tcctgccagg	960
agcagcctcc	aagaaacttt	taaaaaatag	atttgcaaaa	agtgaacaga	ttgctacaca	1020
cacacacaca	cacacacaca	cacacacaca	cacacagcca	tttatgtggg	ctggcagagg	1080
ggacagagtt	cagggagggg	ctgagtctgg	ctagggggcc	gagt		1124

<210> 8054

<211> 1659
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (296)...(1454)
 <223> similar to gi4680673 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8054

cgacgatttc	gggttgctg	ctgccagcgg	gaactgtgta	ggggtagatt	ttcgctgcag	60
tgttccccga	gctgttaga	cgcagcgcgc	cgggagactg	agagagggaaa	ggatagagga	120
agtgtctgcc	taggtgcat	gagtcgaagc	aagcgtgttt	ccttcccgc	aggcaagtgc	180
ccttagaaac	cgggccccgc	ccccctctg	gctgtcattc	ccatcccctc	tcccggggcg	240
gaggtgagga	cctccttggt	tcctttgggt	ctgtcagtga	gccccttct	tggccatgaa	300
gctcgtgagg	aagaacatcg	agaaggacaa	tgcgggccag	gtgaccctgg	tccccgagga	360
gcctgaggac	atgtggcaca	cttacaacct	cgtgcagggtg	ggcgacagcc	tgcgcgcctc	420
caccatccgc	aaggtacaga	cagagtcctc	cacggggcagc	gtgggcagca	accgggtccg	480
cactaccctc	actctctgcg	tggaggccat	cgacttcgac	tctcaagcct	gccagctgcg	540
ggttaagggg	accaacatcc	aagagaatga	gtatgtcaag	atgggggctt	accacaccat	600
cgagctggag	cccaaccgcc	agttcacctt	ggccaagaag	cagtgggata	gtgtgggtact	660
ggagcgcac	gagcaggcct	gtgaccacgc	ctggagcgt	gatgtggcgg	ctgtgggtcat	720
gcaggaaggc	ctcgcccata	tctgtcttagt	cactcccagc	atgaccctca	ctcgggccaa	780
ggtggagggtg	aacatcccta	ggaaaaggaa	aggcaattgc	tctcagcatg	accgggcctt	840
ggagcgggttc	tatgaacagg	tgggtccaggc	tatccagcgc	cacatacact	ttgatgttgt	900
aaagtgcac	ctgggtggcca	gcccaggatt	tgtgaggagg	cagttctgcg	actacatgtt	960
tcaacaagca	gtgaagaccg	acaacaaact	gctcctggaa	aaccgggtcca	aatttcttca	1020
ggtacatgcc	tcctccggac	acaagtactc	cctgaaagag	gccctttgtg	accctactgt	1080
ggctagccgc	ctttcagaca	ctaaagctgc	tggggaagtc	aaagccttgg	atgacttcta	1140
taaaatgtta	cagcatgaac	cggatcgagc	tttctatgga	ctcaagcagg	tggagaaggc	1200
caatgaagcc	atggcaattg	acacattgct	catcagcgat	gagctcttca	ggcatcagga	1260
tgtagccaca	cggagccgggt	atgtgaggct	ggtggacagt	gtgaaagaga	atgcaggcac	1320
cgttaggata	ttctctagtc	ttcacgtttc	tggggaacag	ctcagccagt	tgactgggggt	1380
agctgccatt	ctccgcttcc	ctgttcccga	actttctgac	caagaggggtg	attccagttc	1440
tgaagaggat	taatgattga	aacttaaaat	tgagacaatc	ttgtgtttcc	taaactgtta	1500
cagtacattt	ctcagcatcc	ttgtgacaga	aagctgcaag	aatggcactt	tttgattcat	1560
acagggattt	cttatgtctt	tggctacact	agatattttg	tgattggcaa	gacatgtatt	1620
taaacaataa	actaaaagga	aataaaaaaa	aaaaaaagg			1659

<210> 8055
 <211> 2530
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2324)...(1684)
 <223> similar to gi4929637 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8055

tttttttttt	ttaacaataa	taaatcttta	ttgagatttt	ttaacaaaat	aatttttgaa	60
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ttcaagaatc	aaaacatggt	ctggtaaaca	ttccataatc	cggtaaaatg	ttttcaccca	180
tcactgttaa	gagaaactgt	gtatttttata	ctatcaataa	caaaacctaa	tctttgaaca	240
ttataaaatg	gtttacggaa	tataaactat	acagtttacg	tttttcattc	ctcctagcag	300
atccgtggtc	acatgtatac	tgagtcctaa	gatgtatttt	gtcagtatta	gccccaaatg	360
tccaccatcc	caaattaacc	aggttacaca	tatctcctcc	agtttttatg	gtaggatgtg	420
ttagaaccca	tatattacaa	catcattttt	caaaactaac	ctaatacctaa	attctattct	480
aactagtctg	gcaatccttc	atttttatctc	cctgtctaca	cattcattag	ataccaaggc	540
aatttcacct	taaaaaatac	tgctaataca	catttagata	gtaatttctg	gtaaaactgt	600
agttttattta	tcaaaaaatg	tgaattttta	ttttagaaat	gtagggtcaag	cattgtcata	660
gttgtagtac	ttaattgaga	ataatggcct	caatttggaa	gattcaatat	acacattaaa	720
caaaattaaa	cagtttaaat	tataattcat	ataattataa	ttctcatttt	tagatggcca	780
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attcaattca	cagtagtgac	atcaaaggga	caagtcatca	taggtctgag	accaggaaaa	900
cctggctctgt	tttaacagag	gcgtgtctaa	aataagagta	catatttcaa	ttagggccac	960
agagatagaa	aagagccagg	ataatctttg	tattgaggcc	ttgatttcag	ttttaaatgt	1020
aattcttttc	tgccagctga	aataatttaa	agatgtgcac	aataggctctg	tgctatttaa	1080
ggcaggtgtc	aagcacattt	tgaaatttac	caactagaat	gttctcctaa	tggaanaaga	1140
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tgaccattta	aaaataattt	ggcagctgta	accacctatg	gtcataacac	ataatcactt	1260
acaaaagaca	agcaacagat	acagaattaa	cgatatactt	ttaatatttt	tacaaccctc	1320
tttaagttgg	tgccaatggg	catttaacaa	gattttttata	ttcagtgaag	aagattttaga	1380
acataaactg	acatgaagta	aggaatataa	tttctctgtg	ccatgcaaaa	gagaagtcaa	1440
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gcatcattgt	cattcttttg	caaaagattc	taaaaaccca	gggggttagga	aacaactgtt	1560
cactcatggt	tttccttttt	tttttttttg	caaaatacat	gtgttttgta	aaagaaatct	1620
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aaatttcaat	tccaatttca	tcaagaactt	gattcacaa	atcctggcct	tcttcttcgt	1860
catcagaacc	gtcaaagatg	tcatacaagt	tatcattgat	catttcttca	gtcatttcca	1920
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gggaattcat	cacttttggt	tgtgtagaca	tagaagtaac	ttttgaactt	acagcaaaaag	2100
ttctcgtctt	ctgtttccgt	agatgcacaa	gttgtttggc	taaaactttg	caagcttcc	2160
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aagctgctcg	atctctgatt	atagccctct	gtgtacctcg	taactctcga	ttctgttcc	2280
ttattacatc	atccacgggt	ttcttcttga	agagggagcg	catgggttaa	gactgcgcc	2340
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aggcaggacc	cgcggaaggc	ttgtatccgc	agctaccgca	gccgcgtcac	cggagctca	2520
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<210> 8056
 <211> 2543
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (277)...(2313)
 <223> similar to gi5912256 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8056

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gaatcgggga	ccctgctaag	gtctggcggc	ggggctggag	agcagtggca	gcaagggctg	180
cgggtggcgtc	cacgcagcgg	gatgtgcgag	agttactcca	ggtcgttggt	gagggctctcg	240
gtggcgcaga	tctgccaggc	gctgggctgg	gactcgggtg	agctcagcgc	ctgccacctc	300
ctcacggacg	tgtctgcagc	ctatctgcag	cagctggggc	ggggctgcc	tcgggtactct	360
gagctctatg	gccgaacaga	cccaattttg	gatgatgttg	gtgaagcttt	ccagctgatg	420
ggggttagtc	tacatgaact	agaagactat	attcacaaca	ttgagcctgt	caccttccca	480
caccaaattc	cgtcatttcc	tgtagcaag	aacaatgtac	ttcagtttcc	tcaacctgga	540
agtaaagatg	cagaggaaa	aaaagaatac	attcctgatt	acctgccacc	cattgtgtct	600
tctcaagaag	aagaagaaga	agagcagggt	cccactgatg	gaggcacatc	agcagaagcc	660
atgcagggtc	ccttggaaga	agatgatgaa	ttggaggagg	aagaaattat	taatgatgag	720
aatttccttg	gcaagagacc	actggatagt	cctgaagctg	aagaactgcc	agccatgaag	780
cggcctcggc	tattaagcac	taaaggggac	acgctagatg	ttgtgttatt	ggaagctcga	840
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aaatcacaaa	tgccaactgc	aaaaccatta	gaaacaaagt	catttacacc	taaaacaaag	1020
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atggtcggaa	gtcctattcg	atcaccaaaa	actgtatcca	aagaaaagaa	atcacctgga	1140
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cctgtgagac	ctgaaacgcc	caacaggact	ccttcagcta	cactcagtga	aaaaatcagt	1260
aaagagacta	tccaggtaaa	acaaatacag	acacccctcg	atgctgggaa	actgaacagt	1320
gagaatcagc	cgaaaaaggc	tgtggtagca	gataaaacga	ttgaggcctc	tatcgatgct	1380
gtgattgcac	gagcctgtgc	tgagcgagag	ccagatcctt	tcgaattttc	ttctggatcg	1440
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cccaaagctt	ccacttccgc	gaacagtttc	acaaagtcag	gatccactcc	tctgcctctt	1560
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aaggagaagg	ataaagtga	agagaaagag	aaagacaagg	aaactggcag	ggaaacaaag	1920
tatccctgga	aggaatttct	taaagaggaa	gaggcagatc	cctacaagtt	taaaatcaaa	1980
gaatttgaag	atgttgatcc	caaagtga	ttgaaagatg	gacttgtgag	gaaggagaaa	2040
gagaagcata	aagataagaa	gaaagataga	gagaaaggca	agaaagataa	agataagaga	2100
gagaaagaaa	aagtgaagaa	taaaggcaga	gaagataaga	tgaaagcccc	agcaccacca	2160
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gagaagccga	aggagaaaga	aaagaaaaag	gacaaaaagg	agaagaagaa	aaagaaggaa	2340
aaagagaagg	agaagaagga	gaaggaaaga	gagaaagaga	agagagagcg	agagaagaga	2400
gaaaaagaga	aggagaaaca	caagcatgaa	aaaataaaa	tggaaccagt	cgctctggcc	2460
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agaagaagag	caggtgccca	ctg				2543

<210> 8057
 <211> 1085
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (355)...(272)
 <223> similar to gi5690333 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8057

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aataggcccc	ccataaggaa	aaaactatta	cctcgcaagc	acgggtaaag	ttgggcccc	180
caagggatcc	tttaaaacgg	cgcgcccttt	tttttttttt	tggctattta	tttattttatt	240
ttttaaataa	agattgggtc	ttatctcact	ctgttgccca	ggctgatctt	gaactcctgg	300
gctcaagcag	tcctcccacc	tcagcctccc	aaagtgcctg	gattacaggc	atgtgccgtc	360
acaccagacc	ctgcttggtt	taaaagggga	cttttttttt	tcttaatgga	aaaaaatgaa	420
acagagagcc	aaaagctttt	aactgttggt	tttttctttt	cttcaatgaa	agcctctcat	480
tttgaaaaga	catgtttttc	ttcaagcaac	aaaggtggta	gaggaaattc	ctcaactttc	540
tcaacgagtc	atgtaacgtt	acactggcct	ccataaagca	ccgattaaga	aagctaaaga	600
ataagatgtt	gtattttctt	taaaataatt	taaaatatat	taaattttcc	taaggcaggt	660
tttgtttgaa	tgaggtgtct	tgattagata	actacatgcc	actgaaggag	aacagtactt	720
ttaaggagct	atttttggtt	cgcagtagag	ttgaaaccag	ctgattaatc	caatgaagtt	780
aaacagcaga	gacagatctc	gtacataaga	gtatcagcta	aagtcatgac	tacaccaatt	840
ctttacacaa	ttaagacatc	tttgcaactg	ttcaatttaa	gtactatggt	ttttagataa	900
tcgagaaaaa	cacagttgta	ccttaacatc	tgttgagaaa	atacaaataa	atatgatgct	960
aataaatggc	cactgataac	tcagtagcca	tctgaatagt	catgcgggtt	aagaatacat	1020
ccttggtataa	tctgacatac	aaatttgtca	tttctgcac	atgcacacca	ttgttaaaaa	1080
aaaaa						1085

<210> 8058
 <211> 3637
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (447)...(1339)
 <223> similar to gi4838557 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8058

agcggccgcc	gcgcgccagc	gggaggcgct	ccctctgccc	acctccgccc	cctgcggacc	60
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ggaacccccg	cgggtggaca	catgcatgcc	ggagctccgg	gaggggcccgc	gccgccaccg	180
tctgaactag	gatgtcccg	catgaagggtg	tcagctgtga	tgcattgttta	aaaggaaatt	240
ttcgagggtcg	cagatataag	tgtttaattt	gctacgatta	cgatctttgt	gcattctgtt	300
atgaaagtgg	tgcaacaaca	acaaggcata	caactgacca	cccaatgcag	tgcattattaa	360
caagggtaga	ttttgattta	tactatgggtg	gggaagcttt	ctctgtagag	cagccacagt	420
cttttacttg	tccttattgt	ggaaaaatgg	gctatacggg	gacatctctt	caagaacatg	480
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gagcccctag	agatttagat	gaatcgagtg	gtgttcgaca	tgtacgtaga	atgtttcacc	660
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aacggcagca	tgcccaggca	gcacggcaac	aactggagac	cgcacgcaac	gcaacccggc	960
gtactaacac	aagcagtgctc	accactacaa	tcacacaatc	cacagcaaca	accaacatag	1020
ctaatacaga	aagcagtcag	cagactctac	agaattccca	gtttctttta	acaagggtga	1080
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tcaaacacat	ctgcacataa	gtcacacatt	tcaataaagc	attttcaaga	ctgttgacca	3180
cttgaatttc	tttgggtgta	gtggattaac	ctaaccatta	ctctgagatt	ttatatctct	3240
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tctgggaaaa	tgtaaaagcc	ttcatttttt	aacatgggtt	tagggaacaa	ctgtaagtcc	3420
attcagagca	gtttaattta	gatgatcact	tttaacactg	cagaagacct	aaggagtcat	3480

aagattccat	ctcatgtaga	atactgtata	ttaattat	tttaccagat	attttacaaa	3540
tacctcacct	catectgtat	gtaatcaata	atgtattatt	ttagggtaga	acgacacaga	3600
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<210> 8059

<211> 1592

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (102)...(803)

<223> similar to gi5832945 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gagcctgggc	1200
gagcctgggc	1260
gagcctgggc	1320
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<210> 8060

<211> 1587

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (730)...(661)
<223> similar to gi4104806 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gtactactga gtttggttaa atgtacccat tatttactca aaatatttat tgttacaaga      180
aaaccgtaag aagcttggtg aacatgaaca gcaagtattg aaaacgaata tgtaaagtaa      240
atgggttttg cctgactaaa tcagcctcag tattttatgc ttttagtaga aaagcccatt      300
aaacaaaata gaatcctggg ggatcaaata atatgaatga ttcattgaaat aacacttctg      360
aagcaacccc agaatcatat aaatgtaagg gttaaagggtc atatgtacta agcatgggtc      420
agaggaatag aatggatttg ttaattttac cctaaataaa aggcgcttgt gggcaacagc      480
tctgccatca atacacatgg gcagatgttt ccgaatccag ccattcccag atttctactga      540
catgcccttt tccacaggct cctgctgat gagatttccc cagcagcaga agtttgacat      600
cactgctccc ggatgggaga atcagagctc tctcatttg ggtcaggggt ggctggctca      660
cgaggtttgg tccaaccagc agaaccagct ccttgatcc tggaataaac caaacatcaa      720
tggtaccatg cgctctgtgc ccagggagtg aaaggcaggt ccaggggtggg aagaagaggg      780
gctgctacct tttggagtga aaaaaatgag gtttacactg tagtataaca aaatgccttt      840
ttgtaaaggc cagaagaaat tggctgtgct gtggctgccc tgaaagcaag aaaaaccttc      900
aatgtaccca ggtgaaatgt aaagccttcc tccctcccac acacaatgga ctaccccagt      960
attaccctcc cactaccact tttgacctc ataacaggca ccctggcggg ggggcagatt     1020
gatgttatca ccatatacca gatgaggaaa ctgaggcctg atgggcagtg atttgtgcac     1080
tgcgacatag gactcagtga agagcctagc cagctgacgg tcagctgact ggtgcactct     1140
ttccctcacc ttctctctca agggcacagc tacactcttt ctccaccatt attaactctc     1200
acagggcaca ggtagagcgt cccagacct gtgcaatatt ctacacgaaa acatttgga      1260
tgtgagcaat gtctgaacag gggttgcca ggcacatctg atcaccataa atgctccac      1320
ccctgctgtg cctcacttgt gctgcactat gcaagcaagc agcaggttct cagaaggcca      1380
ctgtcctgca tgtcacaatg agtggccaac tccttcacag aacagcaaat agcagccctg      1440
gctacaaggt gcagtgtgca acccccatat gccaaagggc agctgctatc ttccagcaga      1500
gagagaaccc ccagctctgc tccctaccta tgccctgctt cctgtgcctc acacagccag      1560
ccttgctggc ctgctggcta ttgtctc      1587

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```

<210> 8061
<211> 2694
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2695)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature

```

<222> (136)...(976)

<223> similar to gi4691245 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8061

atgaaggttg	agccatggcg	ggcggggccg	gggaggcggg	cttggagcga	gggggcgggg	60
caggcgccac	aaaaacgcgc	tcgcgccggc	gccgaaccgc	aactcccggc	gacccccgcg	120
ctcccgggtg	gcaagatggt	ggcgcgcagg	aggaagtgcg	ccgcgcggga	cccggaggac	180
cgtatcccca	gccactggg	ctacgcagct	attccaatca	agttctctga	aaagcaacag	240
gcttctcact	acctctatgt	gagagcacac	ggcgttcgac	aaggcaccaa	gtccacctgg	300
cctcagaaga	ggactctttt	tgtcctcaat	gtgcccccat	actgcacaga	ggagagcctg	360
tcccgcctcc	tgteccacctg	tggcctcgtc	cagtctgtag	agttgcagga	gaagccggac	420
ctggctgaga	gccccaaagga	gtcaaggtcg	aagttttttc	atcccaagcc	agttccgggt	480
ttccaggtag	cctacgtggt	gttccagaag	ccaagtgggg	tgtcagcggc	cttggccctg	540
aaggggcccc	tgctgggtgtc	cacagagagc	caccctgtga	agagtggcat	tcacaaatgg	600
atcagtgaat	acgcagactc	tgtgcccagc	cctgaggccc	tgaggggtga	agtggacacg	660
ttcatggagg	catatgacca	gaagatcgct	gaggaagaag	ctaaggccaa	ggaggaggag	720
gggggtccctg	acgaggaggg	ctgggtgaag	gtgaccgcgc	ggggccggcg	gcctgtgctc	780
ccccggactg	aggcagccag	cttgccgggtg	ctggagaggg	agagacggaa	gcgcagccga	840
aaagagctgc	tcaacttcta	cgctggcag	catcgagaga	gcaagatgga	gcatctagcg	900
cagctgcgca	agaagttcga	ggaggacaag	cagaggatcg	agctgctgcg	ggcccagcgc	960
aaattccgac	cgtactgagc	tgtgagagcc	gcagtgaatg	gctggagggtg	cagggccagg	1020
aggaggcgag	gcagggcctg	cagcgggtctc	tgagaggccg	agctctggcc	aacggggccc	1080
agggtgaagg	ccaccgcgtc	caacagcccc	atcagagtcc	acacaggcca	ggagggaagg	1140
accaggccac	ccctcggggtc	ttgtgcttca	gcagtccctg	ggacccaggc	gtgccgagag	1200
gaggacttgt	ccttcctgct	tcttgccctcc	acaccctcct	ctccaggacc	ctggatgaat	1260
ccgttctgtg	cttcctttttc	cctcaatgca	aaagcccttg	ctggcaacga	aaaagcctca	1320
aaagcagtga	gaatacaaga	accttttatt	ttccatccag	ttgggcagca	gggaaaggct	1380
agggtggggcc	agcccgcctt	tccttcctcc	agctggctgg	agattattag	ccaggagaca	1440
gcagccctgg	aaaccagact	ctgtctcccc	cttgaggcca	cagatgttga	agttggaatc	1500
tcgtcccttc	ccctgactac	catcctaggc	tgggcctcaa	gactagttag	gcctgtcccc	1560
accatccctg	gccttggtgt	ggggctcagg	aactcagagt	cccagtgttg	agtcgtggag	1620
cactaggctc	tcatagttcc	aggcccagag	ctacagctgg	gctgggagcg	tgtgtgtgca	1680
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gtggccagag	gagcctaggg	agctccatgg	gccccgggg	cagggccctc	ccacagcatt	1860
ccagctccct	gcaggtcagg	agcgcctccc	acagtgaagt	tccccacac	tcggctcctt	1920
ggagccccga	cagtcctatg	caccccagga	gatgtctaac	cttagggact	tggaggcctc	1980
ccaggggtct	aggccagctg	agttgtgaag	ttgcatggca	gggacagggc	agggccaagg	2040
ccaggggtgc	tgtgattgta	tccgaagtag	tcctcgtgag	aaaagataat	gagatgacgt	2100
gagcagcctg	cagacttgtg	tctgccttca	agaagccaga	caggaaggcc	ctgcctgcct	2160
tggctctgac	ctggcggcca	gccagccagc	cacaggtggg	cttcttcctt	ttgtggtgac	2220
aacgccaaga	aaactgcaga	ggccccaggg	tcaggtgtaa	gtgggtaggt	gaccataaaa	2280
caccaggtgc	tcccaggaac	ccgggcaaa	gccatcccca	cctacagcca	gcatgcccac	2340
tggcgtgatg	ggtgcagagg	gatgaggcag	ccaggtgttc	tgctgtgggt	tgggagccta	2400
taaagtgaga	ctaggctggg	catggtggct	cccctctgca	aaaccagcac	tttgggaggc	2460
caaggtgggc	ggatcgccctg	aggtcaggag	tttgagacca	gcctggccaa	catggtgaac	2520
ccccatctct	taaaaatata	aaaattagct	gggcatgggtg	gcaggtgcct	gtaatcccag	2580
ctactcagga	ggctgaggca	cgagagtcgc	ttgaaccggg	gaggtggagg	ttacagtaag	2640
ctgagatctt	cccactgcac	tccagcctga	gcgacagagt	gagactccat	ctca	2694


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<210> 8062
<211> 1599
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (163)...(1600)
<223> similar to gi5804886 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8062
tttcgtcccg agcagctgcg gggccgccac cgccgccgcc gccgttgag gctgagtcac      60
cactagagag tgggaagggc agcagcagca gagaatccaa accctaaagc tgatatcaca      120
aagtaccatt tctccaagtt gggggctcag aggggagtc tcatgagcga tgttaccatt      180
gtgaaagaag gttgggttca gaagagggga gaatatataa aaaactggag gccaaagatac      240
ttccttttga agacagatgg ctcatccta ggatataaag agaaacctca agatgtggat      300
ttaccttate ccctcaacaa cttttcagtg gcaaaatgcc agttaatgaa aacagaacga      360
ccaaagccaa acacatttat aatcagatgt ctccagtggg ctactgttat agagagaaca      420
tttcatgtag atactccaga ggaaagggaa gaatggacag aagctatcca ggctgtagca      480
gacagactgc agaggcaaga agaggagaga atgaattgta gtccaacttc acaaattgat      540
aatataggag aggaagagat ggatgcctct acaacccatc ataaaagaaa gacaatgaat      600
gattttgact atttgaaact actaggtaaa ggcacttttg ggaaagttaa tttggttcga      660
gagaaggcaa gtggaaaata ctatgctatg aagattctga agaaagaagt cattattgca      720
aaggatgaag tggcacacac tctaactgaa agcagagtat taaagaacac tagacatccc      780
tttttaacat ccttgaaata ttccttccag acaaaagacc gtttggtgtt tgtgatggaa      840
tatgttaatg ggggcgagct gtttttccat ttgtcgagag agcgggtggt ctctgaggac      900
cgcacacggt tctatggtgc agaaattgtc tctgccttgg actatctaca ttccggaaag      960
atttgtgtacc gtgatctcaa gttggagaat ctaatgctgg acaaagatgg ccacataaaa     1020
attacagatt ttggactttg caaagaaggg atcacagatg cagccaccat gaagacattc     1080
tgtggcactc cagaatatct ggcaccagag gtgttagaag ataatgacta tggccgagca     1140
gtagactggg ggggcctagg ggttgtcatg tatgaaatga tgtgtgggag gttacctttc     1200
tacaacaggg accatgagaa actttgtgaa ttaatatata tgggaagacat taaatttcct     1260
ggaacgctct cttcagatgc aaaatcatgg ctgtcagggc tcttgataaa ggatccaaat     1320
aaacgccttg gtggaggtcc agatgatgca aaagaaatta tgagacacag tttcttctct     1380
ggagtaattc ggcaagatgt atatgataaa aagctggtac ctctttttaa gcctcaagta     1440
acatctgaga cagatactag atattttgat gaagaatgta cagctcagcc tattacaata     1500
acgccacctg aaaaatatat agaggatggg atggactgca tggacaatga gaggcggccg     1560
catttccctc aattttccta ctctgcaagt ggacgagaa                               1599

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<210> 8063
<211> 1052
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1053)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (405)...(509)
 <223> similar to gi2501785 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8063

tttcgtgcgg	cgctgggggag	ggcgaggcgg	aggcggcaaa	acggggcggtc	gagcagaacg	60
tgtagccgcg	tccctccag	tccgctccgg	gcagctgctg	atgcaaggaa	tccctgggc	120
tcccgccac	tccactgctg	accagcccat	tcgcctgtgc	tgagtcttcc	tcgaggcctt	180
tccttgccctc	tgtgggaccc	tgtgggggtc	catccggctg	gagaagaaaa	gcctctcatg	240
ctaacgttgc	agaccccaga	gggtcctgtg	tgggtgtgga	gatggccaat	gagaatcacg	300
gcagcccccg	ggaggaagcg	tccctgctga	gtcactcccc	aggtacctcc	aatcagagcc	360
agccctgttc	tccaaagcca	atccgcctgg	ttcaggacct	cccagaggag	ctggtgcatg	420
caggctggga	gaagtgctgg	agccggaggg	agaatcgctc	ctactacttc	aaccgattca	480
ccaaccagtc	cctgtgggag	atgcccgtgc	tggggcagca	cgatgtgatt	tcggaccctt	540
tggggctgaa	tgcgaccca	ctgcccgaag	actcaagctt	ggtggaaact	cccccggtg	600
agaacaagcc	cagaaagcgg	cagctctcgg	aagagcagcc	aagcggcaat	ggtgtgaaga	660
agcccaagat	tgaatccca	gtgacacca	caggccagtc	ggtgcccagc	tccccagta	720
tcccaggaac	cccaacgctg	aagatgtggg	gtacgtcccc	tgaagataaa	cagcaggcag	780
ctctcctacg	acccactgag	gtctactggg	acctggacat	ccagaccaat	gctgtcatca	840
agcaccgggg	gccttcagag	gtgctgcccc	cgcacccga	agtggaaactg	ctccgctctc	900
agctcatcct	gaagcttcgg	cagcactatc	gggagctgtg	ccagcagcga	gagggcattg	960
agcctccacg	ggagtctttc	aaccgctgga	tgctggagcg	canggtggta	gacaaaggat	1020
ctgacccct	gttgcccagc	aactgtgaac	ca			1052

<210> 8064
 <211> 1793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (198)...(512)
 <223> similar to gi609278 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8064

ctcagtggag	agcgggggagt	tgtgtccacc	ttgccgacgt	cgctagccgt	ggggctgtcc	60
tgggaaggcg	gacggcgagc	gcccgggtgtc	cgcactcggc	cgctgccgt	gcccgtctgc	120
gcccgtgtca	tcctcactcg	ggacgcaggg	accgttttta	aatcacaggg	gcgtgtgtca	180
gcctgcccta	ggacttcattg	tctatatatt	tccccattca	ctgccccgac	tatctgagat	240
cggccaagat	gactgagggtg	atgatgaaca	cccagcccat	ggaggagatc	ggcctcagcc	300
cccgaagga	tggcctttcc	taccagatct	tcccagaccc	gtcagatttt	gaccgctgct	360
gcaaactgaa	ggaccgtctg	ccctccatag	tgggtggaacc	cacagaaggg	gaggtggaga	420
gcggggagct	ccggtggccc	cctgaggagt	tcctgggtcca	ggaggatgag	caagataact	480

gcgaagagac	agcgaaagaa	aataaagagc	agtagagtcc	ctgtggactc	ccatgggtca	540
taccagccag	catctgttcc	tgaactgtgt	atttaccatc	atgacggaag	aagagagtga	600
gccgcaattg	ttctgaaaat	gtcaaacgag	gcttctgttt	tgcacctgca	gatcaccgag	660
ttggttttct	tttcttttct	tgcctttttt	tttttttgaa	atttgccgag	cagtggagcc	720
ctctgacaat	ttgcaaggcc	ctctgagaaa	ggaagctgct	tagagccagg	gggttagtgg	780
gtgaggggag	cgagtgtgtg	ttttgagatc	attatctgaa	ctcaggcagc	ctagtagagg	840
cagtgggtggg	attccaatgg	gtcttggtgg	gtgggaggtg	gggcatgtgc	aaagcaagca	900
aggaacattt	ggggtaagaa	aacaaacatg	aggcaaaaga	aaaaatacat	gtttttaaga	960
aaacattgag	cagagaactg	cagccaggat	gcgctcagca	gacattcact	ctggctgctg	1020
ggacatcaga	aaacaaagtc	ttcatctctc	tctccagttt	caccaccccc	accctttgct	1080
ttcatttcag	gtgtgttggg	ctatatgaca	gggaggagag	taaaggagag	caggagcaat	1140
tggctgcctg	caaagccagc	tggaggtgaa	gtgcaggaaa	ggaaaggtca	ccccattcta	1200
ctccatggcc	tctctgctcc	cagctgtggt	aggtcacat	agccagtgtg	atcggttttt	1260
aagaggcagt	gcttttcagc	ttttctccct	gatatatcca	ttttgcttcc	cagcactttt	1320
taggagtagt	gagagcactt	cctgcccttg	ttggaagccc	caggggtggac	actcagcacg	1380
aaggtctctc	ccttaactgc	tgcccttcca	agacttgctc	cagagatgga	gtgggcgtgg	1440
tcttccaggc	tggcccttcc	ttctcctcac	cgccaccttc	cctgccccag	ccccagcagc	1500
catgggtaca	tgggtcccca	gctcacctat	ggattcccgc	cagtctgccc	agctgcagta	1560
ctcacgcccc	atgggggagc	ttggtctgtt	ttcttgtggt	gagcctagt	gagagcagac	1620
gtggcttttt	atgtgtcttg	ttggggaggt	gacttgctag	gtggggacaa	ggctgtccgt	1680
ggcaaccttg	ggatcgagtt	tgagactaaa	ggatgtcatg	agatccctgg	gcttctcccc	1740
atgttgttcc	cggacaaggg	cagaaggag	gcatggcaag	ggacctctgc	tgt	1793

<210> 8065

<211> 2506

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2427)...(593)

<223> similar to gil572819 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8065

tttttttttt	ttaggttgaa	tcaaagcaag	ttgtcttcag	agactgggat	ccgagataga	60
aaacacacag	tgaagtttaa	tcaggaaccc	aacctccggt	cctctgctac	aaccacggaa	120
acggctccaa	acttgagggg	ggacccccca	acgctgctt	ttggcccaa	gctctgcctt	180
ccagccctcc	tcatacccac	tggccaccta	ggaccaggaa	aggggggtag	agccctgaga	240
attctgggtc	tggggtcacc	agctcccaca	cctgtgctcc	ccggccccac	acacatgatg	300
cccaggggtg	ggcaatccct	gacagcgggt	gccggcactt	gggagctcct	gctcagccac	360
ctgccacggc	ccaccctggg	ggtccggcag	gagccagggc	agtgcattgg	agcataaggc	420
cccgtgcag	atcgactgcc	ttcagaaaca	aaaagtcccg	gcgcaaaggc	gttcccggag	480
tggcagcctg	gcctgcaccc	cagctgtgct	gccccctgag	agccccagca	gcgaggcaca	540
cccaggtcag	gggagggggc	ttgggtacca	ggggcctcac	tggctcttca	ccaggaccct	600
gtagagttag	aagctgagga	ctgcggccac	ggcggccccg	acaaccccc	gcagcccccg	660
gagccagaag	gaagagggat	gcagctctgc	gtggaccaa	tgtgggaagg	cggccatggt	720
ggcgagctgg	gtgaagatgg	tgggtgctgg	ctcggctggg	ccagcacagg	agaacggcac	780
gggagcgggt	agccggtgct	tgcggcaaaa	ctcggccggt	gatgggccc	acaccgcgac	840
accttcgggc	aggtcggcct	tggaggagac	aaagaggcag	ggggtctgcc	cgtccatgta	900

atggtgcttg	tagacgctgg	cacaatgtgc	aaaggacttt	gggtcactgc	catcaaacat	960
caagcaggca	acgtcacagg	tggcgtccag	cgatgtggcc	agcagaccat	ctgtgcccac	1020
ctcacagagg	atcaagtact	tctcctgccc	attgacctgc	accgtgtcga	tggcgtagcc	1080
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ggcagacttg	cccactccac	gggcccctac	caccttgcac	aggaggacgc	tccgctgcgt	1200
ctgtcccttc	tcttgggtcca	gcctctttctc	acgagtgcac	gtgatggcat	gggcctggtc	1260
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caggtaggtc	accagggtcc	actggcagag	gtatccgtgc	aggggcaacc	ggccggcctc	1380
tgtgcggact	gtgcgtggga	gctcggggcc	ccagggcgct	gctgggaaca	cactgaaaag	1440
gctttgcagc	tccacgggcg	agagggcgcc	gtcgcggtcc	tggtcgtgct	tctcaaacac	1500
tctctgcaca	aactggtagc	caaggtggtt	gagctccgtg	ctgcagccgg	ggggcacgtg	1560
gatcagaggg	gagagatagt	ccgcagtcag	ctccagggca	tcgctgtagc	cgaagcgccg	1620
caggatggtc	cagggtggtct	cgtgccggcc	gcgctggatg	aagagcgtgt	tcaggaagag	1680
gaaaccatcc	agggtcagct	ggtcctcccg	cacgccgcc	gccacgttcc	tgcacaccac	1740
cgtcttcacg	tcttccaggg	cctgcggggc	caggggggtgc	ccaaagcagg	atttctggaa	1800
agcgttgagc	tcttcgtcac	tgagcgctg	gtccagggtcc	tgatctgaga	gcctgaagat	1860
gcgcgtcagc	gcctgggcgc	acgcgggcct	caactgcttg	gcctcagggt	catagagggg	1920
ggctgtggga	tgcaggacgg	ccttctgggc	gtagtagaac	agctctgaga	tgttcctcag	1980
gttcttggcc	gaacactcca	cgcaggtctc	aatctcggga	aactggctca	tgatggggag	2040
cacggcctcc	atggagctcc	ccgaccgcag	gtctgacttg	ttgcccacta	ggatgatggg	2100
caccctgggc	ccttgcgtgg	tccccccatt	caccagtggg	atccacttag	ttcgaatctt	2160
ctcaatgggt	gcctcctcag	agacgtcata	caccacacac	accacgtttg	ccttgtggat	2220
ctcctcccgc	agctcctcgt	ccgtctgctc	ggcttctgag	tagtccacga	tgtgggtggg	2280
caccttctcc	ggggtgacgt	ccgcggggat	ggtgatctcc	tccgcgcggg	gagggacctc	2340
ctcggggaaac	tcttcgccc	ccagggacag	gatcagcgac	gtcttcccca	cctgggcctc	2400
gcccagtaac	aggatgcgca	cgtcccgcct	catagctgcc	gcccggagcc	gctccccgac	2460
ccggaacccg	gccccgacct	ggtcctcaag	cctttcgcct	cgtgcc		2506

<210> 8066

<211> 3064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (181)...(2567)

<223> similar to gi5457045 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8066

tttcgtccaa	actctaaaag	aaggacgcat	tttaggtaag	atctagtggc	tagatcttca	60
gggtgggctt	cgttcttgtg	gaaatcagtc	aagaaagatc	ggattcgcgg	ttatttatgc	120
aaatcatctg	ggtggattgt	gtacggagtt	aaactgcgcc	ttctggaccg	ggtctgaaca	180
atggagactg	cgctagcaaa	aacgccacag	aaaaggcaag	ttatgtttct	tgctatatgt	240
ttgcttttgt	gggaggctgg	ctctgaggca	gttaggtatt	ccataccaga	agaaacagaa	300
agtggctatt	ctgtggccaa	cctggcaaaa	gacctgggtc	ttgggggtggg	ggaactggcc	360
actcggggcg	cgcgaaatgca	ttacaaagga	aacaaagagc	tcttgcagct	tgatataaag	420
accggcaatt	tgcttctata	tgaaaaacta	gaccgggagg	tgatgtgcgg	ggcgacagaa	480
ccctgtatat	tgcattttcca	gctcttacta	gaaaatccag	tgcagttttt	tcaaactgat	540
ctgcagctca	cagatataaa	tgacctatgcc	ccagagttec	cagagaagga	aatgctccta	600

aaaatcccag	agagcaccca	gccagggact	gtgtttccct	taaaaatagc	ccaggacttt	660
gacataggta	gcaacactgt	tcagaactac	acaatcagcc	caaattcaca	ctttcatgtt	720
gctacgcata	atcgcggaga	tggcagaaaa	tacccagagc	tgggtgctgga	caaagcgctg	780
gaccgggagg	agcggcctga	gctcagctta	acactcactg	cactggacgg	tggggctccg	840
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cgctgaaaa	gggcattgga	tttcgaggca	actccatatt	ataacgtgga	aattgtagcc	1140
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gacgcgttgt	tttctgccat	ttatcccaaa	ctttttcaga	tctagaattc	gagagtgtca	2640
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tttc						3064

<210> 8067

<211> 1641

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (405)...(1485)

<223> similar to gi2190404 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8067
tttcgtggca gaggccgggt ggtgtggtgt cgggtgtcggc agcatccccg gcgccctgct 60
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accgcccgcg ccagtcaact cctcgcactt tgccccctgct tggcagcggg taaaaggggg 180
ctgaggaaat accggacacg gtcacccgtt gccagctcta gcctttaaat tcccggctcg 240
gggacctcca cgcaccgcgg ctagcgccga caaccagcta gcgtgcaagg cgccgcggct 300
cagcgcgtac cggcggggctt cgaaaccgca gtccctccggc gaccccgaaac tccgctccgg 360
agcctcagcc ccctggaaag tgatcccggc atccgagagc caagatgccg gcccaactgc 420
tgcaggacga tatctctagc tcctatacca ccaccaccac cattacagcg cctccctcca 480
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ttcgccctga tataaaagat gatataatg accccaccta caaggataag gaaggcccaa 600
gcccgaagg tgaatatgtc tggagaaaca tcaccttat gtctctgcta cacttgggag 660
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aagctgagaa actggtgatg ttccagagga ggtactacaa acctggcttg ctgatgatgt 1080
gcttcacctt gccacgctt gtgccctggt atttctgggg tgaaactttt caaaacagtg 1140
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gtgctgcccc cctcttcgga tatcgtcctt atgacaagaa cattagcccc cgggagaata 1260
tcctggtttc acttggagct gtgggtgagg gcttccacaa ctaccaccac tcctttccct 1320
atgactactc tgccagttag taccgctggc acatcaactt caacacattc ttcattgatt 1380
ggatggccgc cctcggctctg acctatgacc ggaagaaagt ctccaaggcc gccatcttgg 1440
ccaggattaa aagaaccgga gatggaaaact acaagagtgg ctgagtttgg ggtccctcag 1500
gttccttttt caaaaaccag ccaggcagag gttttaatgt ctgtttatta actactgaat 1560
aatgctacca ggatgctaaa gatgatgatg ttaaccatt ccagtacagt attcttttaa 1620
aattcaaaag tattgaaagc c 1641

```

<210> 8068

<211> 2119

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1916)...(1177)

<223> similar to gi4929623 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8068
ttttttttta ttttatcaat atatttggaa attaaagttt ctgactttta ttctggccta 60
tcctttgagg ctcttgaggg tgggcaagtt cctgaatccc tcaggtggta aagatgggca 120
aaggatgggg aaaagaagca tgggtgatta actcctttta tcccaccctt ggaaggaaaag 180
ataagcttct gggaaaacac ttaacccaaa gtttcagaca tgtaaacca ctagcccaga 240

```

tttctgcctt	tgcaccaagg	ctatgcttgg	aaatcagtg	ttgccaggtt	aggaaaagtgg	300
ctggatgaga	gatctgagga	cagaaatctc	aattaacatg	ctatccccctc	ccttaaaagc	360
caagttcccc	cacaattaca	aattcttttt	tattagtcaa	aatcacaatc	acttttgatta	420
aaaggatggg	acactccacc	ctcagcagaa	aatgatacag	tttatagaaa	acctccccgc	480
ccctcccaca	ccccaatata	aaactacaaa	aaaatctccc	ctccttccct	acgatgtcat	540
ggtagtctga	ctcctccagt	ggcactgcag	ctctggagtg	gccagctcac	cacagcacc	600
tccacttcac	cttggggaga	ggagggatgc	tggtgggttaa	ggaggttaaa	accattagtt	660
ccagtaatgc	cagttcccaa	acatgcactt	ccttcctttc	ccccaaaggtc	tgggaccaag	720
gagaaaggga	ccgaaatgag	gcccaggcca	tggaggaagc	aacttcgagg	agaggaaatt	780
attagcccaa	ggaggggttag	gaagagttcc	aataacacct	ctccctcccc	ccacctcaaa	840
aaagaaaaaa	aggcagttta	agggatattta	tcacaccaa	aaatgggttcc	ccctcaggcc	900
tgaggaaaaa	gaccaagatg	tccagtcttg	agggagtact	gagaaactca	gagctcatct	960
atccttgagc	ctccattaat	ttcatctcca	ggggcattgg	ctaaactagg	tccctttttc	1020
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agggcacccc	aggcccagg	gtcccccata	ggttccctca	gtcctcgggt	gggatgcgca	1140
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tacttcggag	ggaccctcca	gctgtgatga	aggcccagag	ccccatggaa	acagtgactg	1260
catagatggg	cagcaggctg	gcctcatacc	aggggttcag	gaatgtcagt	cccgatgtca	1320
gtaggtgact	cccaaccacc	aggcccaaag	cccagtaccg	tctcctctca	caggcatcaa	1380
agaacacaac	tccccaaaag	gtatggagca	ggataatggc	tgctgtcaga	aaggctgaag	1440
tcaggaaagta	atagggtgag	tctccatgga	tcccaaccac	acctggccca	agtgcacag	1500
ccaaaatatt	gataacagag	aagacaccac	tgatgatacc	gaaggagaga	ccagaaacat	1560
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cccctgcgac	caggatgata	acgcgaagcg	ggtccccagc	cacagtgatc	aagaaaagcg	1860
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ctggggagtc	cgctgggggt	ggcaacgcga	ccccacgagg	ggcgcgggtg	aatgtcaccc	2040
ccagaccccg	gggaagggga	agggggggaa	ccgaaacccc	aaatgaaggt	ccgcgccact	2100
tcctctacgg	aagacgaaa					2119

<210> 8069

<211> 1499

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (293)...(1072)

<223> similar to gi747876 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8069

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ggatcttgat	gtgggttaaca	tgtttgat	tgccggcggc	acgctggcca	tcccaatcct	180
ggcatttggt	gcttcatttc	ttctgtggcc	ttcagcactg	ataagaatct	attattggta	240
ctggcgagg	acattgggca	tgcaagtcg	ctatgttcac	catgaagact	atcagttctg	300

ttattccttc	cggggcaggc	ctgggacaaa	accctccatc	ctcatgctcc	acggattctc	360
tgcccacaag	gatatgtggc	tcagtgtggt	caagttcctt	ccaaagaacc	tgcaacttgg	420
ctgcgtggac	atgccaggac	atgagggcac	caccgcctcc	tccctggatg	acctgtccat	480
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cccatcggat	gtctccagcc	tgtgtctcgt	gtgtcctgct	ggcctgcagt	actcaactga	660
caatcaattt	gtacaacggc	tcaaagaact	gcagggctct	gccgccgtgg	agaagattcc	720
cttgatcccg	tctaccccag	aagagatgag	tgaaatgctt	cagctctgct	cctatgtccg	780
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ggatgtgtct	ggggcagaca	tgttggccaa	gtcaattgcc	aactgccagg	tggagcttct	1020
ggaaaactgt	gggcactcag	tagtgatgga	aagaccaggg	aagacagcca	agctcataat	1080
cgacttttta	gcttctgtgc	acaacacaga	caacaacaag	aagctggact	gaggccccga	1140
ctgcagcctg	cattctgcac	acagcatctg	ctcccatccc	ccaagtctga	cgcagccacc	1200
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tatttttcac	aaaatagaaa	ctcatatgga	acaaaataag	aaaccccagc	catgaaatct	1380
accatgaagt	cttcaagttc	atgtcactga	caagcttgtg	caaagcagcc	accttggacc	1440
ataattaat	caaggacatt	ttctttgaga	cattccttat	agttggagac	tcaagatat	1499

<210> 8070

<211> 2095

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(1512)

<223> similar to gi30184 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8070

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agccatgccc	cggcgtccag	gcaacaggtg	gctgaggtcg	ctgcagatct	ggagggagca	180
gggttatgag	gacctgcacc	tggaaagtaca	ccagaccttc	caggaactgg	ggcccatttt	240
caggtacgat	ttgggaggag	caggcatggt	gtgtgtgatg	ctgccggagg	acgtggagaa	300
gctgcaacag	gtggacagcc	tgcatcccca	caggatgagc	ctggagccct	gggtggccta	360
cagacaacat	cgtgggcaca	aatgtggcgt	gttcttgcgt	aatgggcctg	aatggcgctt	420
caaccgattg	cggctgaatc	cagaagtgtc	gtcgcccaac	gctgtgcaga	ggttctctcc	480
gatggtggat	gcagtggcca	gggacttctc	ccaggccctg	aagaagaagg	tgctgcagaa	540
cgcccggggg	agcctgaccc	tggacgtcca	gccagcatc	ttccactaca	ccatagaagc	600
cagcaacttg	gctctttttg	gagagcggct	gggcctgggt	ggccacagcc	ccagttctgc	660
cagcctgaac	ttcctccatg	ccctggaggt	catgttcaaa	tccaccgtcc	agctcatgtt	720
catgccccagg	agcctgtctc	gctggaccag	ccccaaagtg	tggaggagag	actttgaggc	780
ctgggactgc	atcttccagt	acggcgacaa	ctgtatccag	aaaatctatc	aggaactggc	840
cttcagccgc	cctcaacagt	acaccagcat	cgtggcggag	ctcctgttga	atgcggaact	900
gtcgccagat	gccatcaagg	ccaactctat	ggaactcact	gcagggagcg	tggacacgac	960
ggtgtttccc	ttgctgatga	cgctctttga	gctggctcgg	aaccccaacg	tgcagcaggc	1020

cctgcgccag	gagagcctgg	ccgccgcage	cagcatcagt	gaacatcccc	agaaggcaac	1080
caccgagctg	cccttgctgc	gtgcggccct	caaggagacc	ttgcggctct	accctgtggg	1140
tctgtttctg	gagcgagtgg	cgagctcaga	cttggtgctt	cagaactacc	acatcccagc	1200
tgggacattg	gtgcgcgtgt	tctctactc	tctgggtcgc	aaccccgctt	tgttcccag	1260
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cagagccatc	aagtaatcac	gtctctgcac	ccagggtccc	agcctggcca	ccagcctccc	1560
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actgtcagag	tcattaagcg	ggatcccagc	atctcagagt	ccagtcaagt	tcctcctg	1980
agcctgcccc	ctaggcagct	cgagcatgcc	ctgagctctc	tgaaagtgtg	cgcctggaa	2040
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<210> 8071

<211> 951

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (118)...(670)

<223> similar to gi4529888 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8071

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ggggcgctgc	tgctggagaa	ggaaaccaga	ggagccaccg	agagagttca	tggtctcttg	180
ggggacaccc	ctcgtagtga	agaaaccctg	cccaaggcca	ccccgactc	cctggagcct	240
gctggccctt	catctccagc	ctctgtcact	gtcactgttg	gtgatgaggg	ggctgacacc	300
cctgtagggg	ctacaccact	cattggggat	gaatctgaga	atcttgaggg	agatggggac	360
ctccgtgggg	gccggatcct	gctgggccat	gccacaaagt	cattccccct	ttccccagc	420
aaggggggtt	cctgtcctag	ccgggccaa	atgtcaatga	cagggggcgg	aaaatcacct	480
ccatctgtcc	agagtttggc	tatgaggcta	ctgagtatgc	caggagccca	gggagctgca	540
gcagcagggt	ctgaaccccc	tccagccacc	acgagcccag	agggacagcc	caaggtccac	600
cgagcccgc	aaaccatgtc	caaaccagga	aatggacagc	ataccaagac	cccatctcta	660
aaagaagttt	aaaagaatgt	ttcaaaggcc	aggcccagtg	actcacgcct	gtaatcccgt	720
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gacctcttct	ctaccaaaaa	aaaaattaag	aagacattag	ttaggcattg	tgacatgtgc	840
ctgtaatccc	agcttcccag	gaagctgagg	caggagaatg	gcttgagtcc	agttcgaggc	900
tgaagtgagc	catagtcatg	ccactgcact	tcctcctggg	taacagaatg	a	951

<210> 8072
 <211> 1686
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1519)...(775)
 <223> similar to gi3283908 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8072
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ggttcagagg cctctggggg caataggtga ccctggaccc aaattattgc tacttgcca      120
ggtcaccttg gggcttccca tactgccttg agaatgggtg ggatgagggc atgcaaacga      180
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gtcagagcct agtggcctgg gagggcgacg gggcacccag ctcaggccca gcctcggagg      300
caaggtttga ggggtggggg gtccctgagc atcagccctg cttctgccgc tggctgagga      360
ggagcagaag cctgggtccca agacagcagg aagaaagcag gaccctcgct aggcggccag      420
atggcctgag gccacccag acagggacgg gacctgccct gggtcgctca gccaggcagg      480
gacagcaggg accagaatcc aggtctcctg agccaggcag aagccaaagt agcttgagg      540
ctgaagtgaac aaacaataaa atacagggat aaataaatca ataataaata gaaagcaagc      600
agcccagtcct ctgatccctg ggctgagagc ccttcacca ggcccaagtc caggaggaga      660
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gaactcatatc aggggtgaagg aggcaccgtc cagcatcttc tgggcggaca catgcagaca      960
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cccatc
1686

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<210> 8073
 <211> 3381
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (3188)...(326)
 <223> similar to gi5257007 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8073

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<210> 8074

<211> 2517

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1492)...(568)

<223> similar to gi4884406 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8074

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<210> 8075

<211> 3379

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2119)...(2507)

<223> similar to gi4406561 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8075

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<210> 8076

<211> 1684

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1339)...(888)

<223> similar to gi512449 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8076

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gggcggggcg	ccgaggggca	ggcgggtccc	ggggatggtc	cgtcggggcg	ccagtgccac	1620
tccaggtcct	cccgtagctg	ggcggccgtc	cgtcgatgca	gtttcctccg	cagacagcag	1680
ctcc						1684

<210> 8077

<211> 1164

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (375)...(600)

<223> similar to gil938458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8077

gcaattcgca	tctgctgtgc	ggcctgcggg	cgcgcgctcc	cttatcggcc	aacggacgcg	60
aggcgcgcgc	catggaacag	cggttagctg	agtttcgggc	ggcgcggaaa	cgggcgggtc	120
tggcggccca	accccctgct	gccagtcagg	gcgcacaaac	cccaggagag	aaggcgggaag	180
cagcagcgac	tctaaaggca	gccccaggct	ggctaaagcg	gttcctggta	tggaaacctta	240
ggccccgcgag	tgccccgggc	cagccccggc	tagttcagga	agcggctcag	ccccagggca	300
gcacatcaga	gacaccatgg	aacacagcca	ttcctctgcc	gtcgtgctgg	gaccagtctt	360
tcctgaccaa	tatcaccttc	ttgaaggttc	ttctctggtt	ggtcctgctg	ggactgtttg	420
tggaaactgga	atttggcctg	gcatattttg	tcctgtcctt	gttctatttg	atgtacgtcg	480
ggacacgagg	ccctgaagag	aagaaagagg	gagagaagag	cgcctactct	gtgttcaatc	540
caggctgtga	agccatccag	ggcaccctga	ctgcagagca	gttggagcgc	gagttacagt	600
tgagaccctt	ggcagggaga	taggaccctg	ctgtgctgtc	atgcagctaa	cctctgatgt	660

ggctcttcctc	accattggct	atggatttga	tttcagggtg	ataggactaa	gggcagcttg	720
cgggttagct	ctgtgactgc	atagtttttc	taccttcttt	ccctgatctt	ttgctgccat	780
ttgatctttg	atagtttttg	tgaaactctc	taaaatacat	tcactgtggg	tccgacgcaa	840
tttataaaaa	ttatgtactc	aagaaggagg	acctgtttgt	ttcatttctc	atctgtttgg	900
gagatgattt	tagagcacta	gaaaggcact	ggggagattc	tcagcttaaa	acatccagca	960
gtttgaagta	tgattaggta	catcagggtc	gcattgtcaa	tgttctcttt	aagtctttta	1020
acatttatag	caattttttt	tttcccggag	agtttaggtt	gcaagttttg	ggtttcttgt	1080
ttgtttttgt	tttgcttcct	gctttaattc	tttaattttc	agccattact	ggtattgaaa	1140
aataaaatat	ctttaaaaaa	aaaa				1164

<210> 8078

<211> 1713

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (222)...(954)

<223> similar to gi2570009 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8078

ataacgattt	caagagctgc	acttaagcat	ctagaatttt	ctgcgtcaca	cctcttgaga	60
gaagagactg	gctccaggct	tgactcagtc	cactacaagc	tagacggtct	tcttaaagca	120
ccaacattac	ttgagtcctt	ggataaaaatt	gagaaaagag	tctacaagta	ttgtggactc	180
tacaggaggc	aggaggctga	caactggcag	taaagacaaa	gatgtcaggc	ctgcggccccg	240
gcactcaagt	ggaccctgag	attgagcttt	ttgtaaaggc	tggaagtgat	ggagagagta	300
ttggaaactg	tcccttttgc	caacgccttt	tcatgatect	ctggcttaaa	ggagttaaat	360
ttaatgtgac	aactgttgac	atgaccagaa	agcctgaaga	actaaaggac	ttagccccag	420
gtaccaatcc	tccgttcctg	gtgtataaca	aggagttgaa	aacagacttc	attaaaattg	480
aggagttttt	agaacaaacc	ctggctcctc	caaggtaccc	tcacctgagt	cccaagtaca	540
aggagtcttt	tgatgtgggc	tgtaacctct	ttgccaaagt	ttctgcatac	attaagaata	600
cacaaaagga	ggcaaataag	aattttgaaa	aatctctgct	caaagaattc	aagcgtctgg	660
atgactactt	aaacacccca	cttctggatg	aaattgatcc	agacagtgct	gaggaacccc	720
cagtttccag	aagactattc	ttggatgggg	accagctaac	actggctgat	tgtagcttgt	780
tacccaagct	gaacattatt	aaagtgtgct	ccaagaaata	tcgtgacttt	gacattccag	840
cagaattctc	aggagtctgg	cgttatctcc	acaatgccta	tgcccgtgaa	gaatttacct	900
acacgtgtcc	tgaagacaaa	gaaattgaaa	atacttacgc	aaatgtggct	aaacagaaga	960
gttaggagag	ctcttacagg	agaaaaggct	atatttgtga	tcagatttta	cttattgaca	1020
tattagaaag	gtttttgcaa	ataagaatat	gaaaaatact	gtttcttcta	tccaactctc	1080
ttatgaaaag	gaactctgta	ttttctatta	gccataaata	atctgtccac	tgtattttac	1140
aggtcttcat	acttttactt	aattttcttt	atctgtatgg	caaaccactg	caatcctgaa	1200
tgacatggaa	agcatcacia	tcttttgccc	tttgcttgaa	ttcctggaat	gcatacatat	1260
aagctaaaca	gatgtctgca	gttataaatg	tcataagtag	aggtacaatc	tcaccctgct	1320
ccttagaaac	atttccatat	aaatcgctaa	aataatttca	catttttgtt	agtttaatat	1380
atacatgagt	ttatttctga	tataaataat	aaatacagag	agtgagcata	tcagagaggc	1440
aaattcttaa	agaatgattt	ttaaaatcag	ctctaggaag	agctcaagat	caattgggtca	1500
tagaacagca	tttgacgcct	agaactatga	ccacctcatg	gtcagagatg	agaatgtagc	1560
ctttgtgacc	agatttatatt	attttttaaat	gaagaagcac	tcattaaata	aaacataatt	1620
ttaaaaaaca	atataagaaa	caaagtcaac	tgaatctttt	attcatagaa	atgaaaagga	1680

aaataaaaac tgtggctgac gtcgacgcgg ccg

1713

<210> 8079
<211> 1983
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1984)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (300)...(1092)
<223> similar to gi5668737 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8079

tttgattcgt	agacctagtc	cgtgcggtgg	aattccttcc	ttgcccggat	tcccagaagc	60
tggagaaaga	gtgccagtct	tccgaagagt	ccatgggggtc	taattccatg	cgttctatcc	120
tggaggaaga	cgaggaagac	gaggagccac	caagagtcct	tttataccac	gaaccacggt	180
cgtttgaaagt	aggaatgcta	gtctggcata	aacataaaaa	ataccccttc	tggccagcag	240
tggtcaaaag	cgtcaggcag	agagataaga	aagcaagtgt	gtataacatc	gaaggacaca	300
tgaacccgaa	aatgaaaggt	ttcacagtgt	ctcttaaaag	tttaaagcac	tttgattgta	360
aagagaaaca	gacgcttctg	aatcaagcca	gggaggactt	caaccaggac	atcggtcgtt	420
gtgtctccct	catcaccgac	tacagggtcc	ggttaggctg	cgggtctttt	gctggctctt	480
tcttgaata	ttacgcggct	gatataagct	atcctgtccg	aaaatccatc	cagcaggacg	540
tgttggggac	caagcttctc	caactgagca	aggggagccc	cgaggagccc	gtggtggggg	600
gccccctggg	gcagaggcag	ccctgccgga	aaatgctccc	cgaccgctcg	cgggccgccc	660
gggaccgggc	caaccagaag	ctggtggagt	acattgggaa	ggccaagggc	gcggagagcc	720
acctgcgggc	catcctaaag	agcaggaagc	catctcgctg	gctgcagacc	ttcctgagct	780
ccagccagta	cgtgacctgt	gtggagacct	acctggagga	tgaggggcag	ctggacctgg	840
tgggtgaagta	cctgcagggc	gtctaccagg	aggtgggggc	caaggtgctc	cagcgcacca	900
acggcgaccg	gatccggttc	attctggacg	tgttctgcc	cgaggccatc	atctgtgcga	960
tctctgcggg	ggacgaggtg	gactacaaga	cggtcagga	gaagtacatc	aaggggcctt	1020
cgctgagcta	ccgggaaaaa	gaaatatttg	acaaccagct	ccttgaagag	cggaaaccggc	1080
gccgtcggtg	agggagcagc	cggctgtgct	gtcagcgggg	cctggcgggtg	gaagcgctc	1140
cagtgtgcat	gagcgtgtct	gaagatgggg	ggctcagggg	gcacgtttgc	gtttggacct	1200
gtctgtgcgt	tctcctgccg	tggcagttcc	ctgatttcca	tacttctgga	gaatccattt	1260
cgttaacact	gaaagccagt	tctcttttcc	tggcagtttt	tttcatttta	tttttggcat	1320
tttttacaag	ataccgttcg	ggaaaggctt	ttgaaaggac	ggaagcgtat	tactgtgcg	1380
ccagtactcc	tggctgtgct	gtggtttctc	ccgacgtgca	catcgatctc	gtatgtgtgg	1440
catctgatat	taaacgggag	gttttaagaa	gcgtctgccg	tgatcatgga	gcttcggaag	1500
cgggaatggt	tcttcggggt	ttgctgtttt	gtctgtttcc	cccttgtgtg	gtttccgcct	1560
gcgacagttc	cagaatttgc	tctcccactc	agtgtgctct	gcagctgtga	ggaaacagcc	1620
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ggaccgcagc	ggcagccaca	tgcctggggt	tgccatgggc	cagaccgnct	ccacctnccc	1800
cgcccgccctg	ggncttgttc	tgagtgcatt	tccctgcaat	gtgtcgtcaa	tgcacagcca	1860

gtcaacgcgg	tcttagtcaa	tcgggcgcgg	atgggtaatg	ttnggggttc	caggggtggg	1920
ccgcaagcan	ttcaagggtc	aattttnggg	aagcctnggg	gttggaantg	aacaaancgc	1980
att						1983

<210> 8080
 <211> 1787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1788)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (95)...(406)
 <223> similar to gi2443310 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8080						
atgtcgcgcc	gacctgaatt	cccggatcga	cgatttcggt	cccaaccgcg	cagtcgcggt	60
ctccggcgcc	agctacgccg	ctgccgctgt	cactatggcc	cattacaaag	ccgccgactc	120
gaagcgtgag	cagttccgga	ggtacttgga	gaagtcgggg	gtgctggaca	cgctgaccaa	180
ggtgttggtg	gccttatatg	aagaaccaga	gaaacctaac	agtgccttgg	atTTTTTaaa	240
gcatcactta	ggagctgcta	ctccagaaaa	tccagaaata	gagctgcttc	gcctagaact	300
ggccgaaatg	aaagagaagt	atgaagctat	tgtagaagaa	aataaaaaac	tgaaagcaaa	360
gcttgctcag	tatgaaccac	ctcaggagga	gaagcgtgct	gaataggatt	cttctcagtt	420
tgaaagacaa	tgaaaaatgg	ttttgtatga	cttgaatagt	ttgtatagta	tataatcttt	480
tctgaacaga	tgctattgga	actcttttaa	tatgtgtaat	tcacctatca	cactctgtta	540
aaaacacata	gaatcatcaa	taaaaactca	atataacttt	ctttgggtct	taaagcagga	600
gaatccaaag	taaatcctga	acaaaaccta	aacacagcca	tctaactcat	taccttaaaa	660
gacattctgt	ttattagtct	gattaggaat	gatggcactg	gttgatattt	agccaagaca	720
gttttagcatg	gagctattcc	ttggtgcagt	tcaggatatg	aacacagggg	acagtcattc	780
tttgaacggt	gacactgggt	ctgtatatcc	cctataggca	gctggagaga	tctgtgtgac	840
acaagatgct	tttgtacggg	gttcccatga	atcttctgct	cttgtttgtg	tgacatggaa	900
caaataactt	ctttgccacc	actttgcctt	agataactgt	gtgtgtgtgt	gccagtttga	960
actctgacac	cacatTTTcc	ttctatgcaa	tcatgcctgt	ctgataatct	tgcattgctt	1020
tcctctgagc	tttagtgggt	cctagtTgca	cactggcctt	tctgtgctgt	TTTTcaattt	1080
gcctaataat	agcagttacc	ctgattgtaa	tttatgtaac	tttaaacagg	atcacactgt	1140
acccctgccc	tgctttatTT	gcttactgag	cacaggacag	aggcaatata	caactctggg	1200
ttcacacaca	agctgagatg	agaagaggaa	tgagccatat	attggggaaa	atcatagttt	1260
gtaggtataa	ttatatagtg	cttttctccc	tcaaagtatt	tttctagcct	tgaattcatt	1320
ttatcttcat	tatccctgtg	aagtaggtgg	gacaagtata	aggggaagag	gggtgctgaa	1380
tttttaggcc	aaagactgat	attaatacaa	atcactcact	aactgtagag	ccttggggcat	1440
tatcagtgaa	ctactctgag	atttactgtc	ttcatctggt	taatgagtag	aatgtccgtg	1500
atgcctacct	cacaggggtt	ttgtgagggg	caaatgagaa	tgtatgtgaa	agatttgtaa	1560
atggtaaagc	actatattct	tgtttgttag	tcctttttcc	tttctttggg	tagacctaca	1620
gtcagatggt	ttgttttatg	gatcacttat	tttccttact	ggtagactgt	cgttttatag	1680
acatattcct	atttcatata	ttctctccct	gttgttagag	aacctatctt	tgtttttggt	1740

caaaacacac atagaaaaca naatgatcca atgaaaactg ggттаac

1787

<210> 8081

<211> 3273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (289)...(2707)

<223> similar to gi2984586 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8081

cggtcttct	cggtcagtc	tcagcgaagc	gtctgcgacc	gtcgtttgag	tcgtcgctgc	60
cgctgccgct	gccactgcca	ctgccacctc	gcggatcagg	agccagcggt	gttcgcccga	120
cgctcgctg	ccggtgggag	gaagcgagag	ggaagccgct	tcggggtttg	tcgccgctgc	180
tcgcccaccg	cctggaagag	ccgagccccg	gcccagtcgg	tcgcttgcca	ccgctcgtag	240
ccgttaccgg	cgggccgcca	cagccgcccg	ccgggagagg	cgcgcgccat	ggcttctgga	300
gccgattcaa	aaggtgatga	cctatcaaca	gccattctca	aacagaagaa	ccgtcccaat	360
cggttaattg	ttgatgaagc	catcaatgag	gacaacagtg	tggtgtcctt	gtcccagccc	420
aagatggatg	aattgcagtt	gttccgaggt	gacacagtg	tgctgaaagg	aaagaagaga	480
cgagaagctg	tttgcacgt	cctttctgat	gatacttggt	ctgatgagaa	gattcggatg	540
aatagagttg	ttcggaataa	ccttcgtgta	cgcctagggg	atgtcatcag	catccagcca	600
tgccctgatg	tgaagtacgg	caaacgtatc	catgtgctgc	ccattgatga	cacagtggaa	660
ggcattactg	gtaatctctt	cgaggatatac	cttaagccgt	acttcctgga	agcgtatcga	720
cccatccgga	aaggagacat	ttttcttgtc	cgtggtggga	tcgctgctgt	ggagttcaaa	780
gtggtggaaa	cagatcctag	cccttattgc	attgttgctc	cagacacagt	gatccactgc	840
gaaggggagc	ctatcaaacg	agaggatgag	gaagagtcc	tgaatgaagt	agggatgat	900
gacattggtg	gctgcaggaa	gcagctagct	cagataaagg	agatggtgga	actgcccctg	960
agacatcctg	ccctctttaa	ggcaattggt	gtgaagcctc	ctagaggaat	cctgctttac	1020
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ttcttcttct	tgatcaattg	tcctgagatc	atgagcaaat	tggtggtgga	gtctgagagc	1140
aaccttcgta	aagcctttga	ggaggctgag	aagaatgctc	ctgccatcat	cttcattgat	1200
gagctagatg	ccatcgctcc	caaaagagag	aaaactcatg	gcgaggtgga	gcggcgcat	1260
gtatcacagt	tgttgaccct	catggatggc	ctaaagcaga	gggcacatgt	gattgttatg	1320
gcagcaacca	acagacccaa	cagcattgac	ccagctctac	ggcgatttgg	tcgctttgac	1380
agggaggtag	atattggaat	tcctgatgct	acaggacgct	tagagattct	tcagatccat	1440
accaagaaca	tgaagctggc	agatgatgtg	gacctggaac	aggtagccaa	tgagactcac	1500
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actttgttgg	ccaaagccat	tgctaataaa	tgccaggcca	acttcattct	catcaagggt	1920
cctgagctgc	tcaccatgtg	gtttggggag	tctgaggcca	atgtcagaga	aatctttgac	1980
aaggcccgcc	aagctgcccc	ctgtgtgcta	ttctttgatg	agctggattc	gattgccaag	2040
gctcgtggag	gtaacattgg	agatggtggt	ggggctgctg	accgagtcac	caaccagatc	2100
ctgacagaaa	tggtatggcat	gtccacaaaa	aaaaatgtgt	tcattcattg	cgctaccaac	2160

cggcctgaca	tcattgatcc	tgccatcctc	agacctggcc	gtcttgatca	gctcatctac	2220
atcccacttc	ctgatgagaa	gtcccgtgtt	gccatcctca	aggctaacct	gcgcaagtcc	2280
ccagttgcc	aggatgtgga	cttggagtcc	ctggctaata	tgactaatgg	cttctctgga	2340
gctgacctga	cagagatttg	ccagcgtgct	tgcaagctgg	ccatccgtga	atccatcgag	2400
agtgagatta	ggcgagaacg	agagaggcag	acaaacccat	cagccatgga	ggtagaagag	2460
gatgatccag	tgcttgagat	ccgtcgagat	cactttgaag	aagccatgcg	ctttgcgcgc	2520
cgttctgtca	gtgacaatga	cattcggaag	tatgagatgt	ttgccagac	ccttcagcag	2580
agtcggggct	ttggcagctt	cagattccct	tcagggaacc	agggtggagc	tggccccagt	2640
cagggcagtg	gaggcggcac	aggtggcagt	gtatacacag	aagacaatga	tgatgacctg	2700
tatggctaag	tggtggtggc	cagcgtgcag	tgagctggcc	tgcttgacc	ttgttccttg	2760
gggggtgggg	cgcttgccca	ggagagggac	caggggtgcg	cccacagcct	gctccattct	2820
ccagtctgaa	cagttcagct	acagtctgac	tctggacagg	gggtttctgt	tgaaaaata	2880
caaaacaaaa	gcgataaaat	aaaagcgatt	ttcatttggg	aggcggagag	tgaattacca	2940
acaggggaatt	gggccttggg	cctatgccat	ttctgttgta	gtttggggca	gtgcagggga	3000
cctgtgtggg	gtgtgaacca	aggcactact	gccacctgcc	acagtaaagc	atctgcactt	3060
gactcaatgc	tgcccgagcc	ctcccttccc	cctatccaac	ctgggtaggt	gggtaggggc	3120
cacagttgct	ggatgtttat	atagagagta	ggttgattta	ttttacatgc	ttttgagtta	3180
atgttgaaa	actaatcaca	agcagtttct	aaaccaaaaa	atgacatgtt	gtaaaaggac	3240
aataaacgtt	gggtcaaaat	ggaaaaaaa	aaa			3273

<210> 8082

<211> 903

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (858)...(432)

<223> similar to gi4679014 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8082

ttggtaatcc	aattttggaga	gtggccactg	aatcaatta	aaaatgttta	ttctgaaaga	60
tgctactata	aagtttatag	actcaaatgc	ttataatgct	taatcaaac	taaatttaca	120
aaaaaaccta	gaaacagggt	gaattgaaac	ctgtagatca	ttttataata	ttcatgagca	180
acaacttttt	taaagacaaa	ggctactgtt	ttaatataaa	ttaagagctt	taacatgatc	240
tccctttagt	gcttttaatt	gtcacatggc	tgtaaaccaa	agacccctcc	aaattttaaa	300
tgatcactga	tactacttga	gcagaaattc	tcagggtgtc	gtacttttaa	tgttgtgtac	360
atcaaattac	agtacaaaga	tgactataaa	caagatgcag	ccctcggttt	ccatgaacag	420
cacactatta	cagtaaacca	agtttatatt	ccaccatcaa	gtgtggctct	cccatgactt	480
cgctttgtga	tggatcatta	agaatatcct	caaatccaat	agtctcatca	ttaccctca	540
aaacatccag	tgaaagattt	gagcttgaaa	gaaatggaag	acgctgaacc	tgctgcactg	600
ccttgaattc	catctgtaat	tttagcggag	caaatagacc	ctgaatgttt	ctcagtgtgg	660
aaaaattcat	tttatcttgg	ttgagctgga	aatttttttc	tgataattca	aggggatgac	720
taggcaaaag	ttcatttttc	acacaagaaa	aacctttccg	aagaagatca	tgactttcaa	780
aaggteccact	tgctgaaagt	tcagtaactg	gaatactgtc	cttttagctca	gatccaagtc	840
ctctggcatt	catcttccgc	agctctgcga	acagcctctc	tgccccgtta	ccgtcagtcg	900
acc						903

<210> 8083
 <211> 849
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (551)...(215)
 <223> similar to gi3874352 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8083
tttttttttt ttatagaaaa atataacttt aataaggaaa ttcaactaag ggtaggagta      60
ctccaggaac aatggtaatc cccacatgat gatctgattc tcttctggga gcaaaacatt      120
gcaaccagac aggatggaca aggcattctaa aaaccagta tccttcacct tccgaaagga      180
gggagggact gtagagttgc ccaggaaaaa ggtcaagagt cttccttctc ctggaacttg      240
cagttggtac aggtgtagaa gacagtttgc ccttcacggt ctgaacgcat ctgtctggtg      300
tggtatgcca ttccttcatt accacatcga gggcagcgcc tgtcaaccac aggtccctgg      360
cactcaggcc cttcctccac cgacataggc atggctgtcc ccagttggtg gaacacaacc      420
gaagtcttca caaccttccc ctcaaagtcc cgaacgttga tgttgaagcc acagcgaata      480
caggtgaccg tatcctgagc cccgggcaga ggcaggaccg agccgcaatc tgaacagaaa      540
tccaggtccg actgaaagct ggagcaagta ttggcgaggt ccatgacaga catgcggtcg      600
ggtctgagga gggagttgga agtttattaa caaaagagag aagagttcct gtcccagagg      660
tcgtaactat tctgtcccag gacctaggag tatataacct gaaccctcct gccacgcacg      720
cctcctgcct ctgcgaccaa ggagccgaaa cgcccggaat tcccagacag cgtcgggtac      780
taaagcactt ggaacccttt ccgaattccc cgcgctgtac atggtctcaa cctttttttc      840
cttacattc
  
```

<210> 8084
 <211> 1001
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (142)...(582)
 <223> similar to gi5262549 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8084
cactagtagc tggtgctcca ggctggcggc gctcaccttt ctcctagccg ggtgaccag      60
gggatttatt atatgttggc tttctctgaa atgccaaagc caccgatta ttcagagctg      120
agtgactctt taacgcttgc cgggggaaca ggaagatttt cgggaccatt gcacagagca      180
tggagaatga tgaacttccg tcagcggatg ggatggattg gagtgggatt gtatctgtta      240
  
```

gccagtgcag	cagcatttta	ctatgttttt	gaaatcagt	agacttacaa	caggctggcc	300
ttggaacaca	ttcaacagca	ccctgaggag	ccccttgaag	gaaccacatg	gacacactcc	360
ttgaaagctc	aattactctc	cttgcccttt	tgggtgtgga	cagttatttt	tctgggtacct	420
tacttacaga	tgtttttgtt	cctatactct	tgtacaagag	ctgatcccaa	aacagtgggc	480
tactgtatca	tccctatatg	cttggcagtt	atttgcaatc	gccaccaggc	atttgtcaag	540
gcttctaate	agatcagcag	actacaactg	attgacacgt	aaaatcagtc	accgtttttt	600
ccctacgatt	acaaaactgc	cagtcctata	tggagtctga	tcacaagact	gcagtttctt	660
cacagatctc	aggaagtgtg	cgtggggcag	aggcttttta	aaaacatgtg	attagggagc	720
tatctttatc	tgaataataa	cgaattttta	ggtaaaacct	gagatagagt	actacaaaat	780
catgttgatg	acttcagatt	ttggaagtta	aatcatgtct	gttatttgca	ttcttttagaa	840
acttgactaa	gtacctgaat	tcatatttct	attctactgt	gcaacatagt	gatgattcag	900
aaatttttcc	tttggggaaa	aaaatgaata	tgaacatttc	cattgtgtta	agtgtaaaaa	960
gggccagaca	tgatcataaa	atttaaattt	tatacaatta	a		1001

<210> 8085

<211> 2249

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2250)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2165)...(1707)

<223> similar to gi703110 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8085

ggaattcctg	ccaagggtc	cctgaatggt	gtccacacag	cgaggaagcc	acgcttgatt	60
cttttatcca	ggacattctc	cacactctgc	cggctcctaac	tcaggcagca	gcataactgg	120
tgactcggct	gaggccatgc	cagccccat	gcactgtggc	aggaccagg	gttcattgact	180
gactctatgc	tggagcttct	ggaatgtggg	cgtgcccg	tgctggagca	gtgtgcccg	240
tgcatccagg	gtggctggag	gcgacaccg	caccgagagc	aggagcggca	gtggcggg	300
gtcatgctca	tccaggcagc	cattcgttcc	tgggttaactc	ggaaacacat	ccagaggctg	360
catgcagctg	ccacagtc	caagcgtgca	tggcagaagt	ggagaatcag	aatggcctgc	420
cttgctgcta	aagagctgga	tgggtgtggaa	gaaaaacact	tctctcaagc	tcctgttcc	480
ctgagcacct	cgccgtgca	gaccaggctc	ctggaggcaa	taatccgct	ctggccctg	540
ggactggctc	tggccaatac	ggctatgggt	gtaggcagct	ttcagaggaa	attagtggtc	600
tgggcttgcc	tccagctccc	caggggcagc	cccagtagct	acactgtcca	gacagcacia	660
gaccaggctg	gtgtcacgtc	catccgagcg	ctgcctcagg	gatcgataaa	gtttcactgc	720
agaaagtctc	cactgcggta	tgctgacatc	tgccctgaac	cttcacccta	cagcattaca	780
ggctttaate	agattctgct	ggaaagacac	aggctgatcc	acgtgacctc	ttctgccttc	840
actgggctgg	ggtgatecct	ggtgcctttg	tttccacaag	gccttttctc	gccccctgcc	900
ttgccaaaga	catttaatac	gcacacagct	gccagactat	ttccacagtg	ctccaaatgc	960
acatgaacaa	cagtgcagcg	tccagccttc	gacccagagc	cccggtgcca	gtgcgtcagt	1020
gggcctgggg	ttccaggcta	catcaagcac	tgatggtgtc	agggctggta	gttaccaaat	1080
cagggttaag	aaacatcagg	gccacatttc	actaccttca	cagatcaaac	tcagcagcag	1140

tcatgactgt	ctgtcactac	actggggatc	ccaattccac	ataagcactt	ttggaagaaa	1200
acagccaaag	ttggcctaaa	attggcgctg	gaatttgggc	tgggaaaaat	cttgtggtta	1260
tttcctttaa	aaaggaacaa	aacttttagt	tttaattagt	tgatttat	aatgtaattt	1320
caaacaatta	aattatgaat	aatgcaatgt	acagtagaat	cacgttttga	ttttattaac	1380
actgaccaag	tttaactcca	tatgaagtgt	aagcttgata	tcgtttatga	tgtctatcaa	1440
ctgtaccaa	agtaaaacat	ttaaaaacaa	tcactctgaat	gtcaagtttt	ctctccataa	1500
aggacttgcc	accttaagga	ccccaagtct	gcctgaaaca	tgagccacat	caatgccggt	1560
aaaggcctgc	atgacctaat	ctgcatcctg	gaaacctctt	ttgcctgagc	tccccagccc	1620
caaactagct	ggtctgggag	agggagcagg	caggttccag	gagtcaagca	cacgcttgag	1680
caagcagcac	aataatccat	cttaagactc	ctcattctgg	gatggctcca	caattcctaa	1740
acagcagtct	gcaaactcca	caaacaaagg	ctcttgcatt	taagctctca	tgagctttgc	1800
tttgtcttct	ccctgatcga	ggttgaccat	caactgcctg	aggtgtggat	tgagcaataa	1860
gcttcttaat	gttgcagatt	cccctaaatt	ctttaaattc	tgcaaagaaa	ctctgtcttc	1920
ttcctcatca	ctattgagaa	aatcagctat	agagtcatca	tcactctttgt	tttccacagg	1980
ctttacggtt	ttggtaggaa	gagctgatct	tatttttttc	tcaacaggac	gagtttcagg	2040
gttgactgt	tctttgtgct	tccggaagca	gactaccgag	cagtagggca	cgcggcaggc	2100
tggacagcgg	tatttgggct	tctccaagca	gatcacgcag	acgacgggtgc	tacatttgag	2160
cgacgccatg	gttttgtgga	aggagactgt	tcactgcgcc	gccgcgcgcg	aattccacca	2220
cactgagtat	ggacatcgat	anngacctc				2249

<210> 8086

<211> 985

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (903)...(398)

<223> similar to gil2586 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8086

ttttttcagg	cttcgggtc	tttaatgggg	cgggggctgg	gggcagttca	tccaaagggtg	60
gctccgaagc	tgaggtcaac	cttggcggtc	ggctctgcag	ggcaaagggg	atggtaagcg	120
gcccgtcagg	ctgggggat	cttgaaaggc	ggaaggagag	ccccatgggt	ggcagccaca	180
gctcaaagct	gaggaggagc	ttccctggcc	cagtcccaa	agctttcaac	acaggcaggg	240
cctggggccc	aggcagaagc	ctgcactgcc	ctctggtggc	ctccttggca	ggcgcggctt	300
ccccagggtg	ccgggacccc	aggagctggc	tgggcccacc	tggcatccct	gcccagcccc	360
tggccggggc	tcgggacacc	gggtacgcac	cgctactcc	agggccttca	ccagggcctc	420
gttggcctcg	attcggatct	ggatctctgc	ccgcgtggcc	tcgtcagctg	tccccaccag	480
ctccgcctgg	gccttctcca	agtttgcctt	ggctgcccc	aggtccaaca	tgtccagcgt	540
cacggcctct	tcggccaaca	actgcaccga	agagtgcggc	ttcactgcga	tggaaaccgct	600
gctcaciaag	tatttggagg	tggtgccgtc	ctctgcatgc	accacgacca	gccccggccg	660
caggacctgc	agcgtgggca	cgtgggccgc	caggatgccg	aaggctccgg	tcagcgtggg	720
cacgtccacc	tgccggacgt	tggcaccggt	gaagaacacc	tgctgtgggag	aggcgaagggt	780
gaaggacatc	tggttggggc	cagaggcggc	agccggggcg	gcggcgccct	cggcataggc	840
acgggcgtgg	cggacgaggc	ggccaagtcc	cgggcggcg	agcagcgcg	cgggcagcat	900
ggcagcggct	gtccggcagg	atgcgggtag	cttgcctgaca	gcgggactcc	ggcgcggcgc	960
gggcggcctg	gagggcgagg	aggac				985

<210> 8087
 <211> 1773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1612)...(1069)
 <223> similar to gi5103142 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8087
tttttttttt ttcaaaatat gaaaatttat tttgcatagg aaacaataat ctctggtaaa      60
catcattact gcatctaaca aaacaatgcc ttcaattaaa gggggaaagt gagtttttaa      120
acattagggg taatttagaa gaaaatacag tatataataa tctcaacatc atgtttaggg      180
taaaaatgct ataatgtgaa aaaagtccct aagaactgga cagaacctac ctaacaacac      240
catttaccgt gtatgttttc aatagacaaa acatattttg taccaaattc caacagtggg      300
aattctatag ttgtggccct ttaaaaaatg gcagcattgt acttgaatca gaaagcttac      360
tggtgatttc tcatcgaaag tagagattgc agctaactct agtacctttt gttagtaatt      420
acttaaggca cagtgcagg ttgaaggact gttttggtac aaactcaagc cagctacatg      480
tatgcttgcc ttggtatcct tgctagagca catgcaggta taataccgta ttatacacia      540
caaggccacc ctgtgtgatc tgtgttacia ttaaacatca gtcccagaaa gtgaacccta      600
gtcattttatt atagggtgcc acctctgact tggaacaaaa tgccactcca ttcattgttc      660
ttttgtcctt ggagaggatt tatttcctaa aagattctga aagccaacaa atcaatgtgg      720
ttcttcatag agaacttaag agtaaggctc aaaatggcct caaaatgggc ttcttggatg      780
acttccaaca gtgactggcc ttctcaacac tgcagatgtc tgagcactac cataacctaa      840
cgaagtgagg aaggaggagg caaattggta tttttaaca agaatttaag tggtctcttc      900
tttcaagtct aaaaaaacct ttggctttta agattataaa ctgatttact aaatttataa      960
aagaccttaa tttagcaaag agcttctttt tcctttggtt cagttactca aaatccactg     1020
tgtgaaggaa taatgtatcc atcattcagc ctttatagcg gtcttccggg agcgaagtac     1080
tgtcactgtt acccatatat ttaaagccag catgatccca aaacgtagaa gaattgtaaa     1140
atcattggtg gtcattaaag ttgtgattat tcttgttgca caggatatag aagagaggct     1200
ccaagtgcag gcactcacag ttcctgagtc tctcgtcttc cacagacact ggagctgtgc     1260
aaacttactg gccgcgctga tgaaagtaca tagattcatg gccagggtcta tgatccactt     1320
ctgcagggca aggatgaacc aagaagacac caatacagcg atgtaaggag tggcctgctt     1380
cacgttcccc ttaaaatgaa agatacagag caggaggatg acatcttgcg cgatgaggat     1440
ggggtactcc aggtaggtca gcggcggata cccatagtaa cactggtacc gcagaaacac     1500
caggaatcct gccagctcca gaagtaaact cggaaggctg agggccccgc cgctgcgcgc     1560
cgctagcaca gcggagatct gcggcagctt cagcgcggcg cacacgcca gcgtgctcca     1620
gttacacagc cccagcagcg ccgcctccat agcgccacgg gcgcgggcac ctgggcgggc     1680
gcagcgagaa gggaccgctc agcctcggcg gcgcagctct gccgaagcct tccgccttcc     1740
cgggatccgc ccgggaccac ccggccaggg ccc                                     1773

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<210> 8088
 <211> 1250
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (379)...(861)

<223> similar to gi6006361 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8088

cattgcttga	ggttgcccag	gtagtttcgc	cttacacttc	ttgtcccagt	gcaattatta	60
gtagagctcc	ctttcactgt	caaatttccg	gttggggata	aattgcattg	tcgttttggt	120
ttgagatagg	aagatgaggg	gaggaaggag	gtgaggcggt	aaggggcgtt	ctctctcttg	180
ggtcccgcgc	ccaacttccg	ctggcccaaa	gaaactataa	ttttgaacca	acagacctct	240
gctggcatct	gcgattgcat	ttttcctggt	ttaacaacgg	ctgtgctaga	cgaagtgggtg	300
aagcccaaag	acttattttt	gagctcgctg	taagactgag	aaatcacgta	gtccttcctg	360
aaaccactaa	gaggaaaaat	gtctgtgaca	ctgcatacag	atgtaggtga	tattaaaatt	420
gaagtcttct	gtgagaggac	acccaaaaca	tgtgagaatt	tcttggctct	ttgtgccagt	480
aattactaca	atggctgtat	atttcatagg	aatatcaagg	gtttcatggt	tcaaacagga	540
gatccaacag	gaactggaag	aggaggcaac	agtatttggg	gcaagaagtt	tgaggatgaa	600
tacagtgaat	atcttaagca	caatgttaga	ggtgttgat	ctatggctaa	taatggcccg	660
aacaccaatg	gatctcagtt	cttcatcacc	tatggcaaac	agccacattt	ggacatgaaa	720
tacaccgtat	ttggaaagggt	aatagatggt	ctggaaactc	tagatgagtt	ggagaagttg	780
ccagtaaag	agaagacata	ccgacctctt	aatgatgtac	acattaagga	cataactatt	840
catgccaaac	catttgctca	gtagctatga	tagacctgga	caaataactt	gacaaattgc	900
tggaaacac	ttattgtggt	ttacccgggt	ttaattatgt	cagagattgc	atcatccttc	960
tgcttgttta	caactatgat	cttctatgaa	atgggtgtac	caaggggcgc	ccaacagctt	1020
ttatccccaa	tcttagagca	tattctttat	tataatgatt	atccaacata	tttctttaat	1080
tttaatacaa	aaaatacatc	atttaatttt	tgttacatat	gaacattcat	ttttaaatgc	1140
tcagcctcaa	gtgcaggcat	ttttgagtgg	cctgattaca	tattcctccc	acagcaagtc	1200
cgtatcctgg	aaaaattaac	cccgccccaa	gttttaaaa	gttttaaaaa		1250

<210> 8089

<211> 1804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1785)...(1283)

<223> similar to gi5360117 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8089

tttgaaggaa	tctcattaac	cagtttactg	acaaagagat	gtcggatcat	acagacaaa	60
ggaggcctgg	ggaaagctat	gggggaagg	gtagcatagc	ttgcaagccc	acccagggc	120
accacctgt	aggaacctac	ataaaaaagt	ctaccaatgg	tgcaactatt	taactgggat	180
aaagattatt	ctgttcagca	atacttggac	aactcttttt	attatctttc	tacagtaaac	240

aaagtataat	cccaaagttc	tgcagatatt	taattgggaa	aagacacaac	cctacagtca	300
gttgggaaag	actaccttta	gaagagaaaa	atgaattggt	tgggaagaaa	tacattaaca	360
gaactgtatt	tctaacgcat	ttacttttta	agccatcaaa	tgttctcatt	tgagccacgt	420
gttctgtgca	cattcagaga	accttttgaa	aatgaattaa	gtctttgcct	tcttttagtct	480
gttgataaac	tcttgagaat	gctgagaaat	ctccagaaaa	ccagtatggt	ttctcttggg	540
aacgaattgc	agagcctctt	gccaattacc	attgtttttc	agacataaca	aaatacgtat	600
catttgatct	aaggtgagat	ttttgttacc	aatttcccat	tgtaaattatt	tatctaattg	660
aaggcattca	gttgccagggt	tcagccgttt	tgccttggct	agggatgtgc	ctggctgcat	720
actcttatca	acaaaagacc	caattacata	aactttgtca	tgcctgaaag	tagtcataac	780
attgggagaa	tctgcagtta	aatagataat	actgtccttt	ggaaataaat	ctacatgaga	840
cttttctgtt	gatgttaaaa	gcaatttgct	ccatttttct	tgataccgtt	taactaactc	900
tctgtgcaaa	gcaccatcta	tttttagatt	gcagaaataa	atatggaaag	gatcaacatt	960
tcttctgttc	catccttcac	tttctaaaag	ctgggaaaca	gtattctgca	attcttttcg	1020
tttcatataa	ttttcgtaag	ccatgtcaaa	aaccaaaggt	tgtccaaact	gcatggcctg	1080
ggcacccttc	cagcccattg	ctatgtccat	attcctatcc	caaagtcgta	aaaatagaaa	1140
gtttttctgt	ttatcttcct	cagtggtttc	tagcagcttg	atattttttg	cttcttcctt	1200
tgctgctgct	ttcatttcct	tttttatttg	cctagctttt	ttcacttttt	ccttcgtata	1260
taaaattttt	aaatatTTTT	tttttgctgt	gttagaaaca	cattccataa	gggttttgag	1320
ctcttcttca	gtgatgtgtt	ctgggtacttc	tctgccaaag	aatctccaca	tctcaatgaa	1380
ctctctgggt	gcagctagag	gatcttcctc	cttactgctt	gagattgttg	aaacacattc	1440
ttcttgcaaa	ctagatttca	tggtagtgtt	ccacttatcc	aactctagct	cttcagaagg	1500
gggtgtactc	tcatttttag	gataagtaac	agctgggtatt	ttggaagaca	tgtatctctg	1560
caaaattggt	aagttatttc	tcttcctatg	aagggtaaat	ggcaccaaaa	acctggtgaa	1620
aggtctgaag	aaattgacac	taacactcat	tttgaggaaa	gcagccatgt	aacaaaaccc	1680
caggagtgcg	gagatagtgg	ttcccgcctg	cgcaaagaac	agggaccctg	gaggacgaag	1740
gactccgacg	tacggacgcc	cagggatccg	cgccgaagct	agcacgcagc	ctacccaaca	1800
gtct						1804

<210> 8090

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(918)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (567)...(241)

<223> similar to gi5304856 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8090

tttttttttt	ttcagcctta	ataaattagt	ataatactat	tagaaggggt	gggcattttg	60
ttctgtttct	gtcagcatt	gtctacatgc	ggcctgacgg	tctccttccc	tgggaaattt	120
aaaaagccgt	cccctgggtg	ttagctctga	tgtaaaatta	taaaatagaa	atctggtagg	180
gtttgttttg	tttataaagg	aaaagccctg	gtgaggcagg	gcgggtcccag	gcagtcctgt	240
tagctctggc	cgttgggtct	gcccacggag	ctccctcctg	gaggctggat	ctgaatggag	300

tccaggaggg	gccgaagtgc	ctgtccaaag	ggcgtggaga	gaacttcaga	gggcaggtct	360
gtgatgtaag	aaggaatctt	ccgcccagtc	aggaactgtg	ccacttcgtt	gctgaagggtg	420
ttacaattgt	gttcaaagag	gttgtaggcc	tcacctcgga	acagggactc	ccccagggag	480
gagaggtact	ccagaaagat	ttcttctgtg	acttctgtac	tccccacatc	aaccacagag	540
tctggaggcc	caagcaatgt	ccctcccggg	gggcagctgg	agataccacc	actgccgaag	600
aagaactcat	ccttgtgcac	aactatggat	gtgtgccaga	tgccttcag	ttgtttcccc	660
agcatgatgg	ggctgagccg	ccgggccagg	cctttggaca	ggtcgtacac	gtagagcttc	720
accgataga	gattcggcgg	ctccattggg	acccgtggcg	acggcggcca	cgacggccct	780
cgggcacccg	gcagcggctt	gaaccttccc	gtacccgacg	ggagtgcgaa	gcggagggag	840
agggggggac	cgctcgtgcc	gaattcctgc	agagcggctc	attaagggcg	gtcaattnng	900
gggncggggg	ggggggg					917

<210> 8091

<211> 1593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1594)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1332)...(375)

<223> similar to gi5764010 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8091

tttttttttt	ttgtcttcag	gaaaggttta	ttgggggtgag	tgccttctgt	acagtcgact	60
gcaaatgaaa	cccaaaggat	gggtgcccaa	aagcacctgc	ggcaaaggcc	cacgggaagc	120
ccggggccca	ggctcatgca	acacgacct	caccgcggt	cgggtccgtg	gggccgtcag	180
agaaaccttt	ttaaaaaatg	gagatgaatg	ttacagaatt	ggacaaccgc	aactgctttt	240
caaaaccaga	ggaaggagg	tttttagccg	ttactcagat	actcagtgt	ggggagggag	300
gctgacttc	agcaacagct	gtgggtgggc	tggaggccgg	cgcattcttg	ggccccccgc	360
gccagctgtc	tcagccacca	cctgtgcggc	gcttgctccg	aggggtcagc	aagagcaact	420
gatggctgcc	acttccaggc	cccagagac	aggcctcacg	taactttact	gcagccgagg	480
tccaggccgt	ggaggggggt	ctagctccgc	tgcattctgc	atcccaagt	ggcacgtgga	540
ggaagggtct	gaaggaaggc	tccggagcac	aggccctggg	gttcctgtga	ggacgctgga	600
cctgcaggag	cggggagctg	cagtgccact	gcaggtagcc	cacggtgttc	ttgtctaggt	660
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gcccctgtag	gtctccagct	ccaaattcca	actctcccca	tccctttgcc	gaagttactc	840
gtctgagcgc	aaagttaatg	gaacctctc	catttccatt	ctgggttgag	aggcttccag	900
agaggatggc	tgtgtctgtc	gctgtcaagg	gtgcctcaat	ggactgggat	atgtgcattt	960
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gctgcaatct	cctctcttct	ctctctctct	gcagccgctc	aaactcctct	cgaatttcag	1140
caggggttct	cctcctttcc	acaacctccc	atccttccat	ttccagtctc	ctcttcccat	1200
atatatcata	gatggccctg	gtttgggggt	cactaagcac	ttcataagcc	tggtgaacaa	1260

ggttaaacag	tcgttccgcc	tgtgacttga	gctctgggtc	tctgtgcttg	tctggatggg	1320
agagcataca	gagcctccgg	taggcagctt	tcagctcttc	agaagaggcc	tccctgcgca	1380
cgttcagcaa	cgagtaatag	tcttcattgt	ccagctcctc	ctcgtcaag	gccgtcgcca	1440
tcttcgcaac	ctttcacccc	gccaaaccgg	caaggaagtg	ctcaagaggg	gccagtgatc	1500
cgcgtcaggg	acagcgcggg	ctcgaaatcg	tcgaccgggg	aattgcggct	cggtgaccgc	1560
tcgtcgagga	catcaaggnt	tnnttacatt	tcc			1593

<210> 8092

<211> 2304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (219)...(1335)

<223> similar to gi3924708 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8092

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gggggcaggt	ccgggcaccc	accatgcgag	gcgagctctg	gctcctgggtg	ctggtgctca	120
gggaggctgc	ccgggcgctg	agcccccagc	ccggagcagg	tcacgatgag	ggcccaggct	180
ctggatgggc	tgccaaaggg	accgtgcggg	gctggaaccg	gagagcccga	gagagccctg	240
ggcatgtgtc	agagccggac	aggaccacgc	tgagccagga	cctgggtggg	ggcaccctgg	300
ccatggacac	gctgccagat	aacaggacca	gggtggtgga	ggacaaccac	agctattatg	360
tgtcccgctc	ctatggcccc	agcgagcccc	acagccggga	actgtgggta	gatgtggccg	420
aggccaaccg	gagccaagtg	aagatccaca	caatactctc	caacaccac	cggcaggctt	480
cgagagtggg	cttgtccctt	gatttccctt	tctacgggca	tcctctgcgg	cagatcacca	540
tagcaactgg	aggcttcac	ttcatggggg	acgtgatcca	tcggatgctc	acagctactc	600
agtatgtggc	gcccctgatg	gccaaactca	accctggcta	ctccgacaac	tccacagttg	660
tttactttga	caatgggaca	gtctttgtgg	ttcagtggga	ccacgtttat	ctccaaggct	720
gggaagacaa	gggcagtttc	accttccagg	cagctctgca	ccatgacggc	cgcattgtct	780
ttgcctataa	agagatccct	atgtctgtcc	cggaaatcag	ctcctcccag	catcctgtca	840
aaaccggcct	atcggtatgc	ttcatgattc	tcaatccatc	cccggatgtg	ccagaatctc	900
ggcgaaggag	catctttgaa	tatcaccgca	tagagctgga	ccccagcaag	gtcaccagca	960
tgtcggccgt	ggagttcacc	ccattgccga	cctgcctgca	gcataggagc	tgtgacgcct	1020
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tcagccccta	tgatggagac	ctcaccacta	cctcctcctc	cctcttcatc	gacagcctca	1260
ccacagaaga	tgacaccaag	ttgaatccct	atgcaggagg	agacggcctt	cagaacaacc	1320
tgtcccccaa	gacaaagggc	actcctgtgc	acctgggcac	catcgtgggc	atcgtgctgg	1380
cagtccctct	cgtggcggcc	atcactcctg	ctggaattta	catcaatggc	cacccacat	1440
ccaatgctgc	gctcttcttc	atcgagcgta	gacctacca	ctggccagcc	atgaagtttc	1500
gcagccaccc	tgaccattcc	acctatgcgg	agggtggagc	ctcgggccat	gagaaggagg	1560
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caccccgaa	attgaagagg	gggcaaaaa	acaaccacat	ggatttttta	taggaacaac	1800
aacctaatct	catcctgttt	tgatgcaagg	gttctcttct	gtgtcttgta	accatgaaac	1860

agcagaagaa	ctaacataac	taactccatt	tttattttaag	gggcctttac	ctattcctgc	1920
acctaggcta	ggataacttt	agagcactga	gataaaacgc	aaaaacagga	atcatgccgt	1980
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aagaagttct	gcaaacctcc	cctggaccct	tgctggtgtc	cagatgtctg	cggttgtcag	2160
ccccttcctt	tcccccgacc	taaacataaa	agacaaggca	aagcccgcac	aattttaaga	2220
cggttcttta	ggacattagt	ccaccatctt	cttggtttgc	tggtctctcg	aaataaagtc	2280
cctttccttg	ctccaaaaaa	aaaa				2304

<210> 8093

<211> 1714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (76)...(1208)

<223> similar to gil78039 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8093

acgcccacgc	gtacgcgcgc	ccgcgcggagc	cgagccgacc	cgccccgcgc	acgaaccccc	60
tgaagctgtg	ccaagatgtg	tgacgacgag	gagaccaccg	ccctggtgtg	cgacaacggc	120
tctgggctgg	tgaaggccgc	ctttgcgggc	gatgacgcgc	cccgcgctgt	cttcccgtcc	180
atcgtgggcc	gcccgcggca	ccagggagtt	atggtgggta	tgggtcagaa	ggactcctac	240
gtaggtgatg	aagcccagag	caagagaggc	atcctgaccc	tgaagtatcc	catcgagcat	300
ggtatcatca	ccaactggga	cgacatggag	aagatctggc	accacacctt	ctacaatgag	360
ctccgtgtgg	ctcccagagga	gcaccccacc	ctgctcacag	aggccccgct	gaaccccaag	420
gccaaccggg	agaagatgac	tcagatcatg	tttgagacct	tcaatgtccc	tgccatgtac	480
gtggccatcc	aggcagtgc	atccctgtat	gcttctggcc	gtaccacagg	cattgttctg	540
gactctgggg	atggtgtaac	tcacaatgtc	cccatctatg	agggtacgc	tttgcccat	600
gccatcatgc	gtctggatct	ggctggtcgc	gacctcactg	actacctcat	gaagatcctc	660
actgagcgtg	gctactcctt	tgaccaccct	gctgaacgtg	aaattgtccg	tgacattaaa	720
gagaagctgt	gctatgtcgc	cctggatttt	gagaatgaga	tgccacagac	tgctcttcc	780
tctccctgg	agaagagcta	tgaactgcct	gatggccaag	tcatactat	tggaatgag	840
cgttccgct	gtcctgagac	actcttccag	ccctccttca	ttggtatgga	atctgctggc	900
atccatgaaa	caacttacia	tagcatcatg	aagtgtgaca	ttgatatccg	caaggacctg	960
tatgccaaca	atgtcttate	tgaggccacc	actatgtacc	ctggtattgc	tgatcgtatg	1020
cagaaggaaa	tactgtctct	ggctcctagc	accatgaaga	ttaagattat	tgctccccct	1080
gagcgtaaat	actctgtctg	gattgggggc	tccatcctgg	cctctctgtc	caccttccag	1140
caaagtgtga	ttagcaagca	agagtacgat	gaggcaggcc	catccattgt	ccaccgcaaa	1200
tgcttctaag	atgccttctc	tctccatcta	ccttccagtc	aggatgacgg	tattatgctt	1260
cttggagtct	tccaaaccac	cttccctcat	ctttcatcaa	tcattgtaca	gtttgtttac	1320
acacgtgcaa	tttgtttgtg	cttctaatat	ttattgcttt	ataaataaac	cagaccagga	1380
cttgcaacct	ataaaagcct	ctcgtttgtt	tttggggtag	gcgtgggggtg	gggcagggtg	1440
ttgctttgac	acctgagca	ttgtcaaagt	tcagtaccac	aaggttcatc	cagatgaatt	1500
aatatgacag	ttagctggga	gttataatgc	taacttttga	tttcatattt	tgagacagaa	1560
tcataaatat	atttcatacc	tgaaaagcag	attaagattt	agttccatat	aagtaagaaa	1620
tgaaattgaa	taagatagtt	ctctagaatt	agttgctgca	gatgacactg	aagattattt	1680
caacatatgt	tccagttgtt	tttgtaacct	tgct			1714

<210> 8094
 <211> 5260
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (24)...(3277)
 <223> similar to gi5106521 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8094
 gggactgtcg gctgcaggcg gccatgcccc ccaacttcac cgtgggtgccc gtggaggctc 60
 acgccgacgg cggcggggac gagactgccg agcggacgga ggctccgggc acccccgagg 120
 gccccgagcc cgagcgcccc agccccggag atggaaatcc aagagaaaac agcccattcc 180
 tcaacaatgt cgagggtggaa caagagagct tctttgaagg gaagaacatg gcacttttcg 240
 aggaggagat ggacagtaac cccatggtgt cctcgctgct caacaagctg gccaaactaca 300
 ccaacctgag ccagggcggtg gtggagcacg aggaggacga ggagagccgg cggcgggagg 360
 ccaaggctcc gcgcatgggc accttcacg gcgtctacct gccgtgcctg cagaacatcc 420
 tgggcgctcat cctcttcctg cgctgacgt ggatcggtgg ggtggctggt gtcctggagt 480
 ccttcctcat cgtggccatg tgctgcacat gtacaatgct gaccgccatt tccatgagt 540
 cgatcgctac caacgggtgtg gtcccagctg gcgggtccta ctacatgata tcgcgctcgc 600
 tgggacccga gtttgagggc gctgtcgcc tctgcttcta cctgggcacg acgtttgcag 660
 gggccatgta tattttgggg accatcgaga tttttctgac gtacatctcc ccgggtgcgg 720
 ccatcttcca ggcgagggtc gcagggtggcg aggcggccgc catgctgcac aacatgcgtg 780
 tgtacggcac gtgcacgctc gtgctcatgg ccctggtggt cttcgtgggc gtcaagtatg 840
 tcaacaagct ggcgctgggc ttctggcct gcgtcgtgct gtccatcctg gccatctatg 900
 ccggcgctcat caagtctgcc ttcgaccccc cggacatccc ggtctgcctc ctggggaacc 960
 gcacgctgtc acggcgcgagc ttcatgacct gcgtcaaggc ctacggcatc cacaacaact 1020
 cagccacctc cgcgctctgg ggctcttct gcaacggctc ccagcccagc gccgcctgtg 1080
 acgagtactt catccagaac aacgtcaccg aaatccaggg catcccgggc gcggccagt 1140
 gtgtcttctt ggagaacctg tggagtacgt acgcgcacgc gggggcggtt gtggagaaga 1200
 aagggtgtgcc ctcggtgccc gtggcagagg agagccgtgc cagcacactg ccctacgtgc 1260
 tcaccgacat cgcgccctcc ttcaccctgc tgggtggcat ctacttccct tccgtgaccg 1320
 gtatcatggc gggttcaaac cgggtccgggg acctcaagga tgcacagaag tccatcccca 1380
 cggggaccat cctggccata gtgacgacgt ctttcatcta tctctcctgc attgtgctgt 1440
 ttggggcctg cattgaaggc gtggtcttac gagataagtt cggggaggcc ctgcagggga 1500
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 ttgcccgtga cggcatcgtc cccttcctgc aggtgtttgg ccacgggaag gccaacgggg 1680
 agccacgtg ggcgtgctg ctgacagtcc tcatctgca gactggcatc ctcatcgct 1740
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 cccgctacgc cctgctgcgc gtggagcacg gtcccccca caccaagaac tggaggcccc 2100
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 ccttcacgtc gcagctgaag gccggcaagg gcctgaccat cgtgggctcg gtgctggagg 2220

ggacgtacct	ggacaagcac	atggaggctc	agcggggccga	ggagaacata	cggtcacctaa	2280
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cgtttccgca	aaaccaggag	cgcttcggcg	ggggccacat	cgacgtgtgg	tggatcgtgc	2580
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cgccagacaa	ggtgcagatg	acctggacca	gggagaagct	gatcgctgag	aagtacagga	3000
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gtttctaggc	ccgtcaccta	gggctctcct	gttcagcctt	aacaggctca	gcaaatacagg	3480
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tgccatgccg	ggctgtgttt	gcagctgtcc	gagtcctccat	ccacctttag	aaaaccagcc	4080
acttcttttc	ataagcactg	acagggccca	gcccacagcc	acaggtgcga	tcagtgcctc	4140
acgcaggcaa	atgcactgaa	acccaggggc	acacgcgcgc	agagtgaaca	gtgagttccc	4200
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gtctggctga	gtcccggggc	tcccctgccca	tggcctgtgc	cttgcatgga	ggcggcgggtg	4440
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tgctttgtag	gttggtgtca	catttgcagg	ctgcgggcag	tggcaccgac	ttgggcctcc	4560
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gtccataaag	aggttgcttc	tatatactag	aggccccaga	tggccaggcc	ttgggctacg	4680
tctggcttgc	atggctctccc	aagggaatca	gccccatcaa	caaagttcaa	atcggggcag	4740
aggctgcact	tgtgccccca	gatgtttctg	aggagccaga	ctagggctgg	cattgctgta	4800
gagtgcggc	tgctgcccag	agcgtgtccc	agacatcaca	gcggggctca	gcagttccca	4860
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gccgctcagt	tctgcacacg	aaaccacctc	ctgagggtc	agctctgccc	ccgccttggg	5100
ctgcagcctc	tgacgcaag	caccaggcat	cctttgtgtt	gtcaactccg	tgtaacaggt	5160
aactacagcc	atttacaatt	gactccgttt	ccttttgtag	gtttccctgt	ctgtctgtgt	5220
tagtagaaaa	ataaaatcct	atgaaatctg	aaaaaaaaaa			5260

<211> 710
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (336)...(473)
 <223> similar to gi340430 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8095
 cttcacagga atggacagcc ttccagagtg agcagaagct gtgaggtgac cccctcttct 60
 cagatcaggg ttgtacagtg tcttgggagg ggaggggaga atccttgagc aaaggccact 120
 gtaaaagcat ctttttccag cctgggcatc atagcaagac cctgtctcta caaaatgtat 180
 atgtatatta tccaggcgtg gtgtcatgcg cctgtcgtcc cagctacttg agaggctgag 240
 gagggaggat tgtttgaggc taggagttca cgaccagcct gggccacata gtgagaccct 300
 gtttaagtaa ataaataact gtttttcttt ttccagggaa atgttttggg ggatcagggtg 360
 acctccgcag gcatgtccgc actcacactg gggagaagcc gtacacatgt gagatctgta 420
 acaagtgcct taccgctctt gcggtgctcc ggcggcacaa gaagatgcac tgcaaagctg 480
 gtgacgagag cccagatgtg ctggaggagc tcagccaagc catcgagacc tccgacctcg 540
 agaaatctca gagctcagac tctttctccc aagacacgtc tgtgacgctg atgccagtgt 600
 cggttaaact ccctgtccac ccagtggaaa attctgtggt agaatttgat agccactctg 660
 acggctccta ttgtaagtta cggtccatga atccaaccct catggagtta 710

<210> 8096
 <211> 1330
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (30)...(1114)
 <223> similar to gil085028 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8096
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 agtcgcagga gatgatggag gttgacaggc gggtcgagtc tgaagaatcc ggcgatgaag 120
 aagggaagaa acacagcagt ggcacgtggt cgcacctcag tgaacagagc ctgaaggatg 180
 gggaggagcg gggggaggag gacccagaag aagaacatga gctgcctgtg gacatggaaa 240
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<210> 8097

<211> 5014

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (255)...(4048)

<223> similar to gi5689423 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8097

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<210> 8098
<211> 2114
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (200)...(1393)
<223> similar to gil83064 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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2114

<210> 8099

<211> 1529

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (132)...(1043)

<223> similar to gi3880929 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8099

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<210> 8100

<211> 7445

<212> DNA

<213> Homo sapiens

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<220>
<221> misc_feature
<222> (322)...(2574)
<223> similar to gi2224705 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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a c a c c a c t g c	a a c t t a a c a a	g t t t a t t t a t	c t a t g t c c a g	a t t t c t g t t t	c t g t c c t a a a	4320
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t a t a t t t t t a	a g t c a t a a g c	c a a g t a c a a t	c t a a c t c a g a	a t g g g a t t a a	a a a t t t t a g a	4440
a g c a g a a g c t	a a t a t a t a a a	t g a a g t t t g g	g a t t t g g a a c	t t t c t g t a t c	t c t t a g g a g g	4500
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g a c t a a c t g g	a a a a a t a c t t	t g a c c a t a g c	t c t a g t a c t t	c c a a a t a a a t	t c a t a t c t a g	4860
a t t t t c a a a c	a a a g c c c c a a	g a t g a a g t c t	a a t t c t g a a a	a t a t c t c a c a	a t t t t t g a a t	4920
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g c t a a a g a a a	g t a a t t a t g c	t t c c t g t g a a	t t g t c t t t t a	c t g g c a t c t t	t g t t t t c c t c	5700
t t t g a t g t t a	g t a a a t t t g g	t g t a a t a c g t	g g g g c t t c c a	t a t t t c a a a g	t g g a a g c t t t	5760
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<210> 8101

<211> 2009

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (116)...(1204)

<223> similar to gi292419 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8101

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<210> 8102

<211> 2670

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (704)...(1148)

<223> similar to gi5912098 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8102

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aatgtatatt	tctattttat	ataccaattt	ataaaaaata	attacacaga	aaaaatggaa	1860
taggaaaaat	tatgcatcta	gcacatttaa	actgtgcaaa	tatgaaaatt	tttcgaggat	1920
tacattttat	ctgaaggctg	catattttta	ctggctttta	aactgtaaca	catcacataa	1980
aagatacttt	accaggtagt	tattgcatta	tatcattgca	ataattattg	gaagtctaga	2040
tatcgagcca	tccccagggt	ttgggcgggg	ggagggttgt	ggcaagattg	tcttttcaat	2100
tttgagagtg	tttcctgtgg	ctacaaggca	agtaacgggt	tggaaaaagt	cctgactgta	2160
agcgttggac	accttcatag	tgtagtgttt	tagtgacttt	ttttatacgg	ttcttgtaaa	2220
ttagatacgt	gtagtgggtg	ttcagaatgt	ttgtttatgc	actagttcag	acaactttcc	2280
ctgttacttg	ttcttgataa	gtgaaaactg	cagggaataa	aaaaatacat	atcaaaacat	2340
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gagatgatag	cacttaacag	cacttttcat	gttcacatgc	tttccaagca	ttaatgaaaa	2460
gaactatagg	aagctcatct	gtgggctcta	ttgggtttca	gataatccaa	tataaactac	2520
ctttgatatg	aaagtccgta	agatatttta	cagaatgtaa	gtaatttgca	gtatcgagtg	2580
cattgaaatg	tcataagtga	gcctcatttt	ataaataaaa	gttttagagta	gaatttatatt	2640
gcaagggggg	tttgtcaagt	aagtactggg				2670

<210> 8103

<211> 2424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2324)...(1052)

<223> similar to gil91986 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8103

gtgtctcagc	tggggaagca	gagggagctg	gtgacacctc	gtggggccac	aggggaaggtc	60
ggcgacaaaa	ccaggcaagc	cctgtgggtca	cgcaggagga	gttgggacca	cgctgcatca	120
gaggaaggct	gtggagtatt	caatgaatgg	aattttaatgt	aactatgaca	taaacacaca	180
caggggtggg	aggacgggtg	accaagcgca	gacgtgggtg	acacgtggcc	ccgctctctg	240
gaccctcagt	gggaaaaagt	ctgaggctgg	cgtctctcac	caaaccceac	ctccctcgtg	300
gggtcaatac	tgatctggct	gagtgcacgc	atctcgtgac	ccaggctggc	cctgggaagg	360
cgccacaggc	gaggcctgcg	agtccaggga	gcaggcagac	gctacagtgg	cccccgagcg	420
cgccagggtc	cagcctcgac	gtgtaaatgg	cccgtctcgg	gcgctgctgg	gaaggaagac	480
aagaaggggtg	agggctcgtc	ctcaccaagt	gcttctctgag	tgccgtagga	cgtgggtggg	540
acatggggga	cagtgaaggg	taacacaaac	agcaacgaat	gcacaaagac	aagtttccag	600
gaacacccat	taaacccata	acgttcaaca	aaattggcaa	caaaacgacg	cccctgctgg	660

cctggcgagg	ctggcgccct	ccttcgtggc	agatgccacc	tgcagctggc	tggctggcaa	720
gcgttggcca	agcttttttg	tacctgggag	ctcaacagca	taaaaggctg	taacctctac	780
acggaaaaat	ttcacatcct	ttccctgaaa	ctgacttcag	gggcaaagaa	acgagacttc	840
ttgaagacca	gcctcttctg	ggaaaggggc	ttctgagacg	agtgtcgacg	gcagagcaga	900
tggcctgggg	aaggcagggg	ttcctgggca	gaggctggga	gggtggccag	agaccagggg	960
gggcccctcc	atctgggtgg	tttggcaggt	gtgtcccctg	gtgctgccac	caggagcccc	1020
gaggccgggg	tgttggctgc	gacagcccct	cactgggtcc	ggagctggta	atctccattc	1080
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tactccttgc	cgcccgggaa	ggacttgatg	gaccacacga	tctcgctgtt	ctcggggacc	1320
cacttaacgc	ttcccaccgt	cgtcttgaac	ttgggtgagt	cggcatcatt	gggcacggga	1380
atgtggatct	ccacgttggt	ggctgttgac	cgccgcttga	actggctttt	ggccttgatc	1440
atgtactcga	tgcggctgtg	ggagtgcctc	tcgatcaccg	actcgatcca	tatcaaaggc	1500
ttgacgtggg	tgttgagacg	gtaggacatg	agctcgaact	cgccgtcggg	tgggatgaag	1560
gagatgggtc	ggtcattctc	gaagcgtgat	agccgcacac	actggtggaa	cttcacatcc	1620
tccagctcca	cggatttgct	tttgccgcgg	cccgtgttgt	caaagaggac	cttgtcgttg	1680
aggcccaggc	gcagctcggg	catgcccag	aggaagactc	gcattctgat	ggagcccacg	1740
atctcgctgc	gcaggacatt	gccgttggcg	ctgaccaaga	ggttgacaga	ctcgatgacg	1800
tccaagaaca	cctcattctt	ccgatacttg	atgccttcgg	accgccagga	caccgcgttg	1860
gtgacggtgg	ctggtggccg	cggggcccct	gtttccagct	tgtggccttc	ctgagtgatg	1920
tactcctgca	ggatcttgct	gtcggtggtc	tgggggtagc	cgaagtccat	gagctcgtcc	1980
agcagctcgt	agatgataac	aaagtgtgcc	cggatgctct	cctcctccag	ctccttgaag	2040
tactcggaaa	acacctgcac	caccttatag	aggaaagaaa	agaccagcga	cacgcacgcg	2100
ttcttcttgg	atgtggcaac	cagatacagg	ttgttgtgtt	tgatccacat	gaaacggacc	2160
cccccggtgg	ccaggatggg	cgacagcatc	ccctcctcct	ccttctccat	caggatgggc	2220
atgaagtgc	ccacctctga	catgtccacg	tcgccacggg	agttccggca	gatgagcacc	2280
ttgcccttca	ggtccagcac	gtagacggcg	ctggcgga	tgatggctgc	aggaggcctc	2340
ggcagcggcc	gagggcgggtg	gcggcggcag	cgacgggtggg	gactgctggg	cgttgagcaa	2400
ggacgggcgc	cgcccgcgac	agct				2424

<210> 8104

<211> 1768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (274)...(557)

<223> similar to gi4521254 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8104

ccatcagcct	gggggtgcct	ggaacattgt	caccaggctc	attgaactca	tcctggcacc	60
tccagtgcct	gccacagtgt	ttgacacctc	atagtaggct	cttgatgcgt	atcagaaatg	120
gatctgtgtt	ggggcagtg	ctctacgttg	ctgcagggag	ggcctttgtg	tcaaccgtct	180
gtgagaggca	gtgtccaggc	agaagtcagc	tgccatagaa	gcaggagtgg	cgttttcttc	240
ctctaactca	gggcgctgtc	tctgtccct	cttcagctgg	tgctgccaga	atactccatc	300
catagcctct	tctgcattat	gttcctgtgt	gcgcaagagt	ggctcacgct	ggggctgaat	360
gtccctctac	ttttctatca	cttctggagg	tatttccact	gtccagcaga	tagctcagaa	420

ctagcctacg	acccaccggt	ggatcatgaat	gccgacactt	tgagttactg	tcagaaggag	480
gcctgggtgta	agctggcctt	ctatctcctc	tcctttcttct	actaccttta	ctgcatgata	540
tacacttttag	tgagctctta	acgcaaagac	catgcacatc	atcagagact	gagatgggag	600
aggcctgaga	cggagagggtg	catttctgct	ggtagctgga	ggagggacca	gaatgaggat	660
acgtgagaaa	tagacccggc	aggcagtcag	actgaatggg	agctggaatc	acgcagcagc	720
tgggagccga	gttaaccctg	cgtgtctgtg	tcaccctgtt	tgtcaatctt	tggcattcga	780
attccacaca	cggggtccta	gagcccttct	gagcatcagt	ggtagtggggg	agtaggtgac	840
gaaacactag	acctctcctg	agagagaatt	gctgcttcct	gaatccactt	cattgaacag	900
caccttgcaa	gttcaaatga	gttcctggga	gcggaggctg	gaaggccaca	aggtagcttg	960
taagggaacag	aatgacccag	agtcaaggcc	aagtctgcag	ggacctgttg	aaagcctcga	1020
gaatgtcttg	gctgccccag	actcttggtg	cctttcttcc	aagccatggc	catgcccttt	1080
ttctcaaatg	ggaggggctg	gaggggtgtg	gggatttgct	ttcagctgca	accagccttg	1140
agcctgctgg	gctattttca	gctgaggagg	ggtagaatata	ggaaaaatgc	atttttgaaa	1200
cgtttgcaac	atgatcaagg	tgtagtttct	ccaccacaca	agttgtattc	ttcttttgcc	1260
acctcaaacc	atcacagagt	ctttaaatgc	aaatcaattg	gtcaatgcta	gtcaaagcta	1320
tgttcttaca	aaaacccag	acagctcaga	gctcagaaaa	tcctgtggag	tggctgctct	1380
gtaccgtggg	catccggcag	ccagggaagtg	agacaacata	attataactt	tgttttatga	1440
tgctgcatca	tttgtagtgt	ttagggtcgac	gtgaggacat	catcttattt	agaattttcc	1500
gtttggcatt	ctcttttggtg	tgggagttat	gctgggggtt	gtaaataatg	acaaggctga	1560
gatttttatg	atgtttaaat	tgggcacaaat	gattttgacc	ttattcccca	aacttctttt	1620
cttttctact	gtttaacata	cacaggctat	ttatacacgt	ccccagctcc	catctgaaac	1680
ctgtgactca	ggtttatgaa	tgggtgttgt	gtagcaacac	attgtgtgct	atgtttatta	1740
aaatgcagcg	acaacttgaa	aaaaaaaa				1768

<210> 8105

<211> 1155

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (149)...(530)

<223> similar to gi4902661 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8105

cgcgtggcgg	gcaggcggca	ggaggcgggt	gggtcaagggt	aactctgggc	tacagagtcc	60
ttgctggggg	ttcgggggagc	gcttggaacc	cggcttctgg	gacgcgtcag	gagaaggag	120
cactggcttt	gctttcatca	ggccaaagat	gcctttcttt	gggaatacgt	tcagtccgaa	180
gaagacacct	cctcggaagt	cggcatctct	ctccaacctg	cattcttttg	atcgatcaac	240
ccgggagggtg	gagctgggct	tggaaatacgg	atccccgact	atgaacctgg	cagggcaaag	300
cctgaagttt	gaaaatggcc	agtggatagc	agagacaggg	gttagtggcg	gtgtggaccg	360
gagggagggtt	cagcgccttc	gcaggcggaa	ccagcagttg	gaggaagaga	acaatctctt	420
gcggctgaaa	gtggacatct	tattagacat	gctttcagag	tccactgctg	aatcccactt	480
aatggagaag	gaactggatg	aactgaggat	cagccggaag	agaaaatgaa	gaccccagag	540
acatttattg	gggagtagga	tgtggctgag	tgtttttttt	ttggccagac	tagcggattc	600
agtcctggaa	gagagtatca	tataatgaga	cccacaggca	ctggcaccct	tgggttggca	660
atagaagggtg	acatggaatg	gagaaaacca	agattccaga	tggggatagt	aactagaagg	720
tgcttcagat	gcactgcctg	cgggtgccag	tctgaaaacc	agaccgcaca	gaggcctggg	780
gtgctgatg	agcttttcgg	tgctctccac	acacaagctc	gcaaacacac	atgtcccaga	840

atagctctgt	tgggttgtgt	tgggagaagc	ggctggagtt	cattctctca	cccccttatg	900
ttggtgtttg	gcgtgtgaca	gcagttctac	agagctctgt	gttgggggtca	tggatgagcg	960
gctctcttgg	ctcttaaagg	caggcctctc	tcttcttgcc	tttaaagaat	cctccttcct	1020
cacacctggc	ctcctctggc	ttcagcttct	cagcagcaag	caccagcctt	ccacaacaac	1080
actatatttt	tatgctactt	tcctgtttgc	actactactt	ttttattaaa	cgatgttaaa	1140
taatcaaaaa	aaaaa					1155

<210> 8106
 <211> 2091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (24)...(1629)
 <223> similar to gi4589580 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8106						
gaattccccg	gtcgcagatt	tcgtcgtcag	tcaaaccggt	tctctgtttg	cactcggcag	60
cacgggcagg	caagtgggtc	ctaggttcgg	gagcagagca	gcagcgcctc	agtcctggtc	120
ccccagtcce	aagcctcacc	tgccctgccca	gcgccaggat	ggccaccatc	acctgcaccc	180
gcttcacgga	agagtaccag	ctcttcgagg	aattgggcaa	gggagccttc	tcggtgggtgc	240
gaaggtgtgt	gaaggtgctg	gctggccagg	agtatgctgc	caagatcatc	aacacaaaga	300
agctgtcagc	cagagaccat	cagaagctgg	agcgtgaagc	ccgcatctgc	cgctgtctga	360
agcaccceaa	catcgtccga	ctacatgaca	gcattctcaga	ggagggacac	cactacctga	420
tcttcgacct	ggtcactggg	ggggaactgt	ttgaagatat	cgtggcccgg	gagtattaca	480
gtgaggcgga	tgccagtcac	tgtatccagc	acatcctgga	ggctgtgctg	cactgccacc	540
agatgggggt	ggtgcaccgg	gacctgaagc	ctgagaatct	gttgctggcc	tccaagctca	600
agggtgccgc	agtgaagctg	gcagactttg	gcctggccat	agaggtggag	ggggagcagc	660
aggcatgggt	tgggtttgca	gggactcctg	gatattcttc	cccagaagtg	ctgcggaagg	720
accctgacgg	gaagcctgtg	gacctgtggg	cttgtggggg	catcctgtac	atcctgctgg	780
ttgggtaccc	cccgttctgg	gatgaggacc	agcaccgcct	gtaccagcag	atcaaagccg	840
gcgcctatga	tttcccatcg	ccggaatggg	acactgtcac	cccggaagcc	aaggatctga	900
tcaataagat	gctgaccatt	aacccatcca	aacgcatac	agctgccgaa	gcccttaagc	960
acccttggat	ctcgcaccgc	tccaccgtgg	catcctgcat	gcacagacag	gagaccgtgg	1020
actgcctgaa	gaagttcaat	gccaggagga	aactgaaggg	agccattctc	accacgatgc	1080
tggccaccag	gaacttctcc	ggaggggaaga	gtgggggaaa	caagaagagc	gatgggtgtga	1140
agaaaagaaa	gtccagttcc	agcgttcaga	taatggaatc	ctcagagagc	accaacacca	1200
ccatcgagga	tgaagacacc	aaagtgcgga	aacaggaaat	tataaaagtg	acagagcagc	1260
tgattgaagc	cataagcaat	ggagattttg	agtcctacac	gaagatgtgc	gaccctggca	1320
tgacagcctt	cgaacctgag	gccctgggga	acctggttga	gggcctggac	ttccatcgat	1380
tctattttga	aaacctgtgg	tcccgggaaca	gcaagcccgt	gcacaccacc	atcctgaatc	1440
cccacatcca	cctgatgggc	gacgagtcag	cctgcatacg	ctacatccgc	atcacgcagt	1500
acctggacgc	tggcggcatc	ccacgcaccg	cccagtcgga	ggagaccctg	gtctggcacc	1560
gccgggacgg	caaatggcag	atcgtccact	tccacagatc	tggggcgccc	tccgtcctgc	1620
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cccaccaccg	tcacttctgt	acctgcatac	agaaaacctg	cttgttcaca	aaagtcatcg	1800
caacttcaga	gcgaacggcc	acatctcccc	acctctcacc	cccacctctc	cccctgccag	1860

gctggggcctt	cctcaggcat	gggtgtccac	agcactggcc	ccctctcccc	agcctcagct	1920
gctgtccgcc	tgatctgtct	tggtgtgtag	gctagaatgc	ccgggctggg	gccaccagg	1980
ggctggggag	aaggaggggt	gggatgatga	ggaaggcagc	atccgtccgt	ccctctccca	2040
gacctctcct	cttcagtggt	ccccggggaa	gggcagatga	cactcccttc	c	2091

<210> 8107

<211> 4502

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (350)...(1324)

<223> similar to gi4092671 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8107

catcccgccg	ttgttaaacc	acggggccgtg	aattgaat	ttgggggcccc	ataaaaaaaaa	60
tattcctctg	ccagcccgcg	gcgtataact	tggatccttt	aaaacggccg	ccccctttttt	120
tttttttttt	ggaaaataaa	atgtttgttt	gtttgtttgt	tttttcctcc	agctgaattg	180
actggttggt	tgctcggtatg	gacaaaataa	aatgattatt	tcattgtgag	aatacttctt	240
ggacagcttc	tcccattttac	aagccaactc	ttttcagacg	agcttgtaca	cgtacacact	300
ccatccttgg	atatattttct	gtgacaccag	agcagtttcc	atgaaggccc	tgatgcagct	360
gatgaacgac	aagaagctca	tgagcagcct	gcccacttcc	tgccgggatct	tcaaccacct	420
cgagcggctg	ctggacgaag	aaattagcag	agtacggaaa	gacatgtaca	atgacacatt	480
aaatggcagt	acagagaaaa	ggagtgcaga	attgcctgat	gctgtgggac	ctattgttca	540
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aatccttgga	cctagaggac	ttacagccaa	acaacttgaa	gcagaaaccg	gatgtaaaa	660
catggtccga	ggcaaaggct	caatgagggg	taaaaaaaag	gaggagcaaa	atagaggcaa	720
gccaatttgg	gagcatctaa	atgaagattt	acatgtacta	atcactgtgg	aagatgctca	780
gaacagagca	gaaatcaa	tgaagagagc	agttgaagaa	gtgaagaaat	tattggtacc	840
tgacgagaa	ggagaagaca	gcctgaagaa	gatgcagctg	atggagcttg	cgattctgaa	900
tggcacctac	agagatgcc	acattaaatc	actagccctt	gccttttctc	ttgcagcaac	960
agcccaggct	gctccaagga	tcattactgg	gcctgcgcgc	gttctccac	cagctgcctt	1020
gcgtactcct	acgccagctg	gccctaccat	aatgcctttg	atcagacaaa	tacagaccgc	1080
tgctatgcc	aacggaaactc	ctcacccaac	tgctgcaata	gttctctcag	ggcccgaagc	1140
tggtttaatc	tataaccct	atgagtacc	ctacacattg	gcaccagcta	catcaatcct	1200
tgagtatcct	attgaacct	gtggtgtatt	aggtgcggtg	gctactaaag	ttcgaaggca	1260
cgatatgcgt	gtccatcctt	accaaaggat	tgtgaccgca	gaccgagccg	ccaccggcaa	1320
ctaacctatg	accttctgac	ctctgaactc	ttcacccaat	gatgacctga	ccatgcctgc	1380
ctgctgatca	gttaactggg	aatgcgcttt	gcttgccctgt	cgtcagtgca	gcgagctgag	1440
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cagggatatc	attggtgaag	tgatttcaaa	aagtattcaa	aatttgatat	gctgtttagt	1860
cactacagtg	ccctcaaagg	gcagaagttg	cagccttttt	tatttgccct	gccaaaattt	1920
gaagtattag	aagaaagtg	gccatgagag	aaaaacttaa	ggagttttga	aaagtaatgc	1980

aaataacaaa	actgcaacac	tattttttaa	aagataaata	tctgagttaa	aattactgaa	2040
tctttatttt	acacctaaaa	aaatatgaga	acaaggtaca	tgcattatgt	gtcacattac	2100
tgggcaaact	gttcaagtat	ttttttttaa	acctccctgt	atagaaaaaa	atcattaagg	2160
atgtaaaagc	catgcttgcc	tatttgctgt	atacatgtaa	tgaaattgta	gataaagtgt	2220
agtgcattga	aacaaatgaa	caaaaagtag	atacttttac	tatacaaggg	tgctggtgca	2280
gaaaaaaata	tatatatttt	tggaaatgta	gcattttata	ctttcaagtg	ttataaaaaa	2340
aaaagaaaaa	gaacaaagaa	accctttatt	tcattaaatg	attttttctg	gtggttgtca	2400
agaaacaaaa	gaccaaagaa	gcctttttgt	ctttcttttt	tattttttta	gtattggaat	2460
aagtctaaag	aaaagaaagt	gccttatttt	ccttcattgt	tcattcaagt	caagtgtctc	2520
ataaagatca	gctcctccct	tcagaataca	agttaatgca	tgttactcag	tcgcccagta	2580
tgtgaaagaa	gatatgaggg	agacaaatga	gttgatagtt	tgaattatag	gattttttgcc	2640
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ttattccaat	cttcaatggt	aacccaaagg	attctgagat	aaaaattatg	tgtcatctaa	2820
acttcagttt	acagacaaaa	ttagagcttt	gttttatttg	gagaaggggg	atgcattcat	2880
ttgattttgt	tttttgtttt	taattaattg	aatataatag	gataacctagc	aaatgttttc	2940
acaaaagtga	atcctttgtga	ttttcattct	agaaaacaat	gttttaaatc	acccaaattt	3000
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taacctgtgc	ctgccccacc	ccttaacttt	aaaagaatgt	gaaaaactag	catcatagtg	3120
catataaata	ctcaaccaca	tttcagctta	agcttcta	ttctcaagaa	gttgaaacag	3180
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ccgccagct	tatcaactcg	tccctcttc	cacaccttc	cagcatcaca	gtcagaggtc	3360
agcaggaagc	tgagtcatta	ccttcttggt	gacctcccc	accatcttgt	ctcacttgga	3420
aaccgttgtc	agtttattta	ctatgcaata	gacattcatt	gttttgtatc	cagctagctt	3480
tggtttaata	tgccactgct	ttgtctttct	gttacacata	cagttttgat	ttattttaca	3540
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gaaaacttgg	ttgacaaaat	tttgatcaa	ctgaaaaaag	catgactttt	gaaatctctg	3840
aatgccttgg	ttctcagtat	tatcattctt	tattgaattt	atttcttatt	aaaatatgta	3900
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atttacagcc	attgtttaca	gtttataatg	tatttttcta	tcttgtttta	tatgtatggt	4140
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acaattttga	taactgaaaa	ttgccaatgt	ttttgcagta	ctttattata	ttgggtgtct	4260
tgtctttttt	gggcttttag	ttagctaatt	aatgaataca	ttagacactt	ttgggtttta	4320
gttgggattt	tacatagctt	gcattttta	tctttggttc	tttgctgttt	ctattaaccc	4380
acaggcatta	ttttaataaa	tgttataata	ccaacctact	aactctggac	tttgtctgtt	4440
tattaacctt	tatatgttta	attaaaataa	ccaaataaag	ccaaaagaat	gtaaaaaaaa	4500
aa						4502

<210> 8108

<211> 1224

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (991)...(352)

<223> similar to gi436001 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 8108
tccccctccccg cccctcttta aaaagcggcc cggggaatta acttttgggg ccccaaaaaa 60
aaagacattc gttgcacccc cgcgggataa aaaattggtt ctcttaaaac gggggccccc 120
tttttttttt tttgatataa aacagcttta tttgagggtc ctagtctgtg aggggtggac 180
agataaaaaga ggtattttgtg atagggcatg aagaccttaa gaccctgagg gtgctgtgaa 240
cagggaaacag tctgatattc ggaaccaaag ggcaaggaaa ggtcctgggg ctgaagtggg 300
gacaaggggc accaaaaagc cagtgggggc aggtggtgct ggccaaggtc agaggctgat 360
gcaacaggcc ctcttctccc cagggccagg ctctgtcca gcctgggcac tgcccagagt 420
gatggcattg gtccggatgc tgttctgtct ctgcttgac accttcgcaa agatttcttt 480
caggacagtc tcaaaggcta gctcaacatt ggtagagtcc agggctgagg tctccaggaa 540
gagcagtcca ttgttttcag cgaacattcg ggcctcctca gtgggcactt cccgggcctg 600
gctgaggtca cttttgttac ccacgagcat gacgacgatc gtggcttcag catggtcata 660
gagctccttc agccatcgct ccaccacagc ataggtctgg tcttggtta ggtcaaacac 720
caggagggcc cccactgcac cagcatagta cgccgaggtg atggctcggg accgctccag 780
gccagctgtg tcccagatct gagccttgac agcagcggtg cccaacatca cagtgcgggt 840
ggagaactca accccgatgg tggcgcggt gtctggtgctg aactcattgc gctgaatcg 900
ggagagtaga ttggtcttcc ccacacctga ttcgccgatc agcaccacct tgaagacaaa 960
gttataatct tcctcagttc cattccccat cttggctccg catggagggt gcaggtgtct 1020
tcggggacag aggcgacaaa tctgtgtgtt ggctcaatgc cctcaaccct cagctctcaa 1080
aagatctggt cctgcccctc ctctcattgg gggtaagggg acttctgcag ccagagggat 1140
tgggggccaa ctcaaggttt aggcagggcc tagggaggat cagctctggc aggtgggggt 1200
gctgtaagga agcagaggtc gacc 1224

```

<210> 8109

<211> 1334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (164)...(739)

<223> similar to gi292427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8109
aatgagactg tatggactgc ttacgccaaag cttggcacga gggcccgag ccgctgccgc 60
cgccccagc tccccgcct cggggagggc accaggtcac tgcagccaga ggggtccaga 120
agagagagga ggcactgcct cactacagc aactgcaccc acgatgcaga gcatcaagtg 180
cgtggtggtg ggtgatggg ctgtgggcaa gacgtgcctg ctcatctgct acacaactaa 240
cgctttcccc aaagagtaca tccccaccgt gttcgacaat tacagcgcgc agagcgcagt 300
tgacgggcgc acagtgaacc tgaacctgtg ggacactgcg ggccaggagg agtatgaccg 360
cctccgtaca ctctcctacc ctgagaccaa cgttttcgtc atctgtttct ccattgccag 420
tccgcgtcc tatgagaacg tgcggcacia gtggcatcca gaggtgtgcc accattgcc 480
tgatgtgccc atcctgctgg tgggcaccaa gaaggacctg agagccagc ctgacaccct 540
acggcgcctc aaggagcagg gccaggcgcc catcacaccg cagcagggcc aggcactggc 600

```

caagcagatc	cacgctgtgc	gctacctega	atgctcagcc	ctgcaacagg	atgggtgtcaa	660
ggaagtgttc	gccgaggctg	tccgggctgt	gctcaacccc	acgccgatca	agcgtgggcg	720
gtcctgcatc	ctcttgtgac	cctggcactt	ggcttggagg	ctgcccctgc	cctcccccca	780
ccagttgtgc	cttgggtgect	tgtccgcctc	agctgtgcct	taaggactaa	ttctggcacc	840
cctttccagg	gggttccctg	aatgcctttt	tctctgagtg	cctttttctc	cttaaggagg	900
cctgcagaga	aaggggcttt	gggctctgcc	cccctctgct	tgggaacact	gggtattctc	960
atgagctcat	ccaagccaag	gttggacccc	tccccaagag	gccaaccag	tgccccctcc	1020
cattttccgc	tactgaccag	ttcatccagc	tttccacaca	gttggtgctg	cctattgtgg	1080
tgccgcctca	ggttaggggc	tctcagccat	ctctaacctc	tgccctcgct	gctcttggaa	1140
ttgcgcccc	aagatgctct	ctcccttctc	caatgaggga	gccacagaat	cctgagaagg	1200
tgaatgtgcc	ctaacctgct	cctctgtgcc	taggccttac	gcatttgctg	actgactcag	1260
ccccatgct	tctggggacc	tttctaccc	ccatcagcat	caataaaaacc	tcctgtctcc	1320
agtgaaaaaa	aaaa					1334

<210> 8110

<211> 2821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2337)...(287)

<223> similar to gi458888 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8110

ggggagggga	gggggagaga	aggggaaggg	aagaaggtgg	ggaggcagtg	ggccccctcg	60
gacgactccc	cattcccttc	ccttggattc	ttctccttac	tcaattttcc	ctagacctaa	120
aaacagtttg	gcagaagaca	tgtttaataa	cattttcata	tttaaaaaat	acagcaacaa	180
ttctctatct	gtccaccatc	ttgccttgcc	cttcctgggg	ctgaggcaga	caaaggaaag	240
gtaatgaggt	tagggccccc	aggcgggcta	agtgtatttg	gcctgtcct	gctcaaagag	300
agccatagcc	agctgggcac	ggccccctag	cccctccagg	ttgctgaggc	ggcagcggtg	360
gtagagtctt	tcactgagcc	gtgggctgca	gtctcgcagg	gagaacttct	gcaccagccc	420
tggctctacg	gcccgaagaa	ggtggagccc	tgagaaccgg	aggaaaacat	ccatcacctc	480
cagccccctc	agggttctct	cctcttctct	gcctgccagt	tcacctgcca	gccgggctcg	540
ggccgccagg	tagtcagcgt	tgtagaagca	gccctccgca	gaagcctgcc	gggtcaaact	600
ccccctata	ggagcccccc	gggaggggtc	agcaccagga	ggggaggggg	ggtcagggcc	660
agcccccggg	ggccctgggg	gtgatctctg	tggtgacagg	gcaggattga	actcctggaa	720
atggactgga	aagaaggcct	gccagccaga	gatggcattc	atgcgacagc	ggttgaggac	780
ttcgggcccc	ggccttgctc	acacggtggt	aaggaagaag	agagtgtcca	caggggtgctt	840
cttcgagacc	acgtccatga	gtcgcacctg	ggaagggggc	tctgtctgca	cagcgagcca	900
ggccagcctc	gtcccagggt	accgtcgtct	taactccgct	gctgcagcct	tcaccccaag	960
aaatgggtct	ggagctccac	ggccaccttc	tcgtggcccc	tagaccagca	acaggggtgag	1020
caatgcatgt	tctcgtggct	ccaggacatt	ggctgcaaac	gcctcgagga	aagccggggc	1080
tgacgagct	tcagccacca	ggagtggcag	caccagctgc	actcgggtgg	cctcagtgac	1140
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cagggccccg	cggtgcccac	gctgtgtcac	acattccaac	agcaggtcca	gggtgtactc	1260
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caggcggggc	tgatagcgcc	gattgagctg	ctccagggca	gtctccaacg	catcaccac	1380
gtccgcctcg	ctagccccct	gtagtgggca	cttggggagcc	ccatctgcac	aggagaaggt	1440

gtgctgctct	gtgaagtagt	cccagcccag	cacctcaaag	cgagagtgtg	gtgtgaaagg	1500
agcaggggagc	ccaacggggcc	agctcagccc	tgcctcccct	tcgggggtca	gcacggtcag	1560
gttccggatc	tgagcctgca	gttgttctat	ttcactgtaa	gcccgtcca	actccagagc	1620
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ggcactcagg	aaagccgagc	tcccttcctt	ctcaggggtcc	ctatTTTTTg	ccagttcaaa	1740
tgagcgatac	tgctgcccct	ggtgctgtga	gacacagccg	acgcccagag	agtcaatgag	1800
gcagcgcca	agccactcgt	caggacgggc	actgagaatg	tctcctcggc	agccatccag	1860
atgtggccgc	agacgaagca	ggagactccg	tgacaacagg	tagccaaagc	ccccatgaca	1920
gtaccggggcc	tgctcgccctg	cgccaatgaa	ctcctctgcc	cggcctaagt	acaggtcttg	1980
gttgatgctg	aggtggccag	caagggctgc	caggcggggg	gcctgcacat	atgtgtcatc	2040
ctgcatgatg	aagaaccagt	cgtagtcggc	cccaaagtgt	gtgtgaagg	ggcgagggg	2100
ctctgacatg	agccaggcgg	gccgctcatc	cccatgagac	accacctgca	tccctgctgg	2160
agcccgggcc	ccccgctgcc	cagtgaagta	gagtaaccga	gggaagtgat	gggccaccgt	2220
acggttcaca	gccacggcca	aagtggacag	tgtagctcgg	gaggtcagga	cagccaccag	2280
caaccgctca	cgggagccca	gctctgtctg	gatgtaccga	gtcctgagca	ccttcttcta	2340
gggcttgctg	gggtccctgt	agtaggggac	aatccggggg	ttgaagtctt	catcactttg	2400
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tcgcatgggtg	gtaggccctg	ccaggtgggt	gccccagggg	cacagcctca	aggatcaatg	2640
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tgaggccaaa	gacagagcaa	ggcccgtgg	cttcaggac	cagcatcccc	aagaagattg	2760
tcctgtcttc	acaactcctt	ctgectgtct	ttcaactgtg	aaggtgtcgg	aactaacccc	2820
C						2821

<210> 8111

<211> 1613

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1307)...(1005)

<223> similar to gi4886473 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8111

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aaccctaact	actaactatg	cagacctctc	ctgatctccc	caggctgggc	agtaattagt	180
accttacagg	tgtgatccat	ggcccagaga	aggcagccac	tgtcagttac	agttggactg	240
ctgcatcaca	gtggaggcag	cagagttgaa	gatccacaga	gggctgtaat	acagcccaga	300
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tcctgttatc	ttttccaata	gaatattcct	gcaagttacc	catcagaaaa	aggtgttcag	420
agggtttgaa	aaagaagtgg	ttagcccatg	ccagtgaagg	tgacaaaaaa	caaaacaact	480
tgatttttgg	tcatatcaga	aaggatggag	ggaaacaccc	aagtacatgc	atggacacaa	540
gtgctccagc	caaaggagtg	ctgttttcac	cagccacaaa	ttttctaaca	gcaacaacaa	600
aaaccacag	atgtaagtaa	catggaagt	gatcagtcct	aagccaaata	aggattccca	660
cctggggcaa	aagctgactt	cctaggacat	gaactgaaca	catcacagta	aaagcccagt	720
agaggctgct	gccagttcca	gctattagta	attatgaggg	ggacaggatg	acacctcaca	780

cggaccaccc	ctagcaagag	ggtttgtttc	agttctagct	gtgagaggaa	tgtctgcagt	840
tcccacaggt	gtgccatgct	gtgaagccca	tggcccctgc	tcctctctct	gcctcccaca	900
cacttaacag	tacacacaga	ctttgctggc	aagtgtctgt	tgttctctga	ctgctatact	960
atacgactgc	aggacaatgc	catccgctcc	atgggttcatt	cagcgccttg	tcccagggtta	1020
gttggtggag	agcaggacca	cgttggtgcag	caagagagac	agctcagctt	ctttcagggt	1080
gcaggaaatc	tgcagccatt	ctcccagcca	agttcgacac	ctatcttcac	caatatgcgt	1140
agaattcagg	ccacggagat	aacaagccga	ttttacttcc	tgagcagtca	gctggccaat	1200
ccccagcttt	gccaaagcct	tgtccagttg	gtgaatcaca	gttgatgatg	tcttcaaacg	1260
atgtctcaac	aagggaggag	gcaggttaaga	tgtgagaagc	atggcccggc	tcaaggcttt	1320
ctttcatgaa	gattgtgtac	aggacataga	agcgggggaa	atgacgaccc	aagaaacgat	1380
ggtattttccc	attaatcgct	tttgtcttgg	ttaccacata	agacatcaag	ttcttccat	1440
ctgccttttg	agaaaggtga	agctttgaag	accgaggggc	cccccaagcc	aggccagagc	1500
gaccaagttg	cagcctccgg	gtgacaaaat	gtccaggggt	gactgccgag	ccccacacag	1560
ccgaccgagc	ccagcacacc	ctggagagcg	ccatcttcac	agcgagagaa	gcg	1613

<210> 8112

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(793)

<223> similar to gi3805810 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8112

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atggggggcac	tggggctgga	gggcaggggt	gggaggctcc	aggggagggg	ttccctcctg	120
ctagctgttg	caggagccac	ttctctggtg	accttggtgc	tggcggtgcc	tatcactgtc	180
ctggctgtgc	tggccttagt	gccccaggat	cagggaggac	tggtaacgga	gacggccgac	240
cccggggcac	aggcccagca	aggactgggg	tttcagaagc	tgccagagga	ggagccagaa	300
acagatctca	gccccgggct	cccagctgcc	cacctcatag	gcgctccgct	gaaggggcag	360
gggctaggct	gggagacgac	gaaggaaacag	gcgtttctga	cgagcgggac	gcagttctcg	420
gacgccgagg	ggctggcgct	cccgcaggac	ggcctctatt	acctctactg	tctcgtcggc	480
taccggggcc	gggcgcccc	tggcggcggg	gacccccagg	gccgctcggg	cacgctgcgc	540
agctctctgt	accgggcggg	gggcgcctac	gggcggggca	ctcccagagct	gctgctcgag	600
ggcgccgaga	cggtgactcc	agtgtctggac	ccggccagga	gacaagggta	cgggcctctc	660
tggtagacga	gcgtgggggt	cggcggcctg	gtgcagctcc	ggaggggcca	gaggggtgtac	720
gtcaacatca	gtcaccgccga	tatggtggac	ttcgcgagag	ggaagacctt	ctttggggcc	780
gtgatggtgg	ggtgagggaa	tatgagtgcg	tggtagcag	gcgtgaatat	tgggggcccc	840
gacgcccagg	accccatggc	agtgggaaaa	atgtaggaga	ctgtttggaa	attgattttg	900
aacctgatga	aaataaagaa	tggaaagctt	cagtgtctgc	gacaaaaaaa	aaaa	954

<210> 8113

<211> 2044

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (228)...(1477)
 <223> similar to gi4678412 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8113
ccgccaggtg gaacggcagg tgggttcagg taccagcctg gccgggaccc ggctgtggga      60
ccaacgcttc cggtgagcga cagaggcagc tccccagggc ctggagaccc gtggggcgga      120
ctctgggatac tgagcctatc gccctggcct ggagccccc tttgtacctt tccccattc      180
ccctaccgag ctgggcagtt agccagccca ctccaactct cggaaccatg tttgcagact      240
tggattatga catcgaagag gataaaactc gaatcccgac tgtgcctggg aagggtgaccc      300
tgcagaagga tgctcagaac ctgatcggga tcagcattgg aggaggggccc cagtactgtc      360
cctgcctcta tatcgtccag gtatttgaca acacccagc agccttggac ggcacagtgg      420
cagctggcga tgagatcacc ggtgtcaatg gcaggtcaat caaagggaaa actaaggtgg      480
aggtggcgaa gatgattcag gaggtgaagg gggaggtgac catccactac aacaagctgc      540
aggcggaccc caagcagggc atgtccctgg acatttgtgt gaagaaagtc aagcaccggc      600
tgggtggagaa catgagttca gggaccgcag atgctctggg cctgagccgg gccatcctgt      660
gcaatgatgg gcttgtcaag aggctagagg agctggagcg gaccgctgag ctatacaaag      720
ggatgacgga acacaccaag aacctcctac gggcctttta tgagctgtcg cagactcacc      780
gggccttttg ggacgtgttc tccgtgatcg ggggtgcggga gcccagcca gctgcgagcg      840
aggcttttgt gaagttcgcc gatgccacc gcagcatcga gaagttcggc attcggcttc      900
tgaaaaccat caagccgatg ctgacggatc tgaacacgta cctcaacaaa gccatcccgg      960
acactgcctt caccatcaag aagtacctg acgtgaagtt tgagtacctg tcgtactgcc     1020
tgaaggtgaa ggagatggat gacgaggaat acagctgcat tgccctaggc gagccccctt     1080
accgggtgag caccggcaac tatgagtacc gcctgatcct gcgctgccgc caggaggcgc     1140
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ccttggaaca ggggtggaagc tgggtgtgact cctgagtgcc ccgcggtgtg ggtgccgggg     1500
gcaggggtgc tgggaggacg gagcctggga gcggggcggg gccgccgcgc aagggggcga     1560
cgcataaagg cctgctggct tggggcgctt gcctccctgc tcctctgtcc tcgcacagcg     1620
aacctgggct cctgcccagg acaggcacca gggatcatggc ctgggacctg gacactggcc     1680
cctccaccct cctcccccct ccggctcccc ggccagaggg agagcttggg ctctggacct     1740
gccttaggaa ggagagggag ggcaggaagg aaaagaaagg acttgagggt ggcaggagtc     1800
cgagccctgc tccttgtggg cgctcacact gcccccgag cctgctggga gtggggccag     1860
ccgtggacag ctgaggttgg ggtcaatgcc tcctgggcac ccttgctcgt ccccagaccg     1920
gcccgccag tccccatcac acctcggcgg cctttattta ttctgttccc ccagctcggc     1980
cacttctctg aaggagggct gggttctggg cctgtatcga ataaacacaa acctggatgg     2040
cgca
2044

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<210> 8114
 <211> 1606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (472)...(1073)
 <223> similar to gi4877582 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8114
 tcctctgcgt gcgatccccg ggcggcggcg ggcggcacag cgctccgcca gagctgcgcg 60
 cgcggaactcg cggggagtg ggggtctcgc tgggtgccag ccgcttctgg agaccctccg 120
 cctcctgccca acccctgctc ttccaggctcg ggccccgggg ttctgcggct gttagggaca 180
 gaggcaaaga agggcaggac ggtccgggtt cccgtggatg ttcccgcgcg agaaagacag 240
 caagttgtgt gtgcgcccgg gacgcgggag ggaaggtagc cgccgcccgc cagccatgga 300
 ccatcatctt tagtgacag gatggaaagt tgatgccag taagactgaa gatccattct 360
 gcattacgga actgtggatt atctgtgggt ccctggatg ttcacacctt cattcactcc 420
 tgcagtccct gaacacttac ttggggctct cattgcccta tctggtgaaa gatggcatcc 480
 agcctgactt gtactggagt aatctgggct ttgctgtctt ttctttgtgc tgccacctcc 540
 tgcgtggggg tctttatgcc ttactggctc tggggatcac agctgggcaa gcctgtgtcc 600
 ttcggtacct tccggagggt ctcatatcct gtgcatgat agagtccgca gatgatggtg 660
 atgggtggagg aatgtgggct ctatgcctcc ttccagggca tcccagcgc agaattggagg 720
 atctgcacca tagtgaccgg cctgggttgt ggcctcctcc tctgggtggc gctcactgcc 780
 ctcatggggt gctgtgtttc cgacctcatc tccaggacag tgggaagagt ggctggagga 840
 attcagtttc ttgggggctt gttgattggt gctggctgtg ccctctaccc ctggggctgg 900
 gacagtgagg aagtcgggca gacttgtggc tacacttctg gccagtttga cctggggaag 960
 tgtgaaatcg gctgggccta ctactgcac ggagcaggtg ccactgccgc catgctgctg 1020
 tgcacgtggc tggcttgctt ttcgggcaag aaacagaagc actaccata ctgagatgga 1080
 gctaccaaga gcagacagag gagaagatgg gccaaagggg cttggagagg tcaaaacatc 1140
 cacctacctt caaaagggtg gatagtagtt gtgatccaat acaatgctaa taaaatgaaa 1200
 cccgataaaa tcagggccat gatataggaa ggaaggtttg taggagattt gtgggggaaa 1260
 aaaaaaagga gagtatagaa tgatggagaa aaatggacca aaggctaaaa atattgcagg 1320
 gcatcgggtg tttctattcc acagagtatt gttaatgtac aacacacaca cacacacaca 1380
 cacacacaca cacacacaca cacaacaaat ctacatatac aaacaagggt ttgggtttta 1440
 gttttttttt ttttaaggta ggactcagaa aatccaaagg gctagtagaa acagtgttta 1500
 tggtgggaag cagggttacc cccaatagat ggtttccctg ttaggtccac gggcactccc 1560
 caaaagcaca caagcacata cagacatatg cttccccac acacgt 1606

<210> 8115
 <211> 960
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (869)...(365)
 <223> similar to gi2246401 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8115
tttttttttt ttaaaattct aataaaataa atatttttatt aacgaaagtc tggaaaatgt      60
gtgcactaaa aagtgactat aaatgttaaa ttaaaaaacc ttcaaagaac acatatcaca      120
cattcaattt ttaaaacttt atataaaagc tctattataa atacaaagct aaactatctg      180
agtactaaca acacagttca taaaaagaaa cttaacagta gtaaaatata gatataataag      240
atgcttattt ttggtccttt aggataaaag aactaagttg gtttttttca catgggtcca      300
ggcacaaaaa tagaatataa gatggtaact gcaacattct tagtgtttat ccttgtaatt      360
ctttaaatgt caccagtcac aatagcaatg aactcctctt ggttttattt tccatcacca      420
tctttgtcaa attcttctat catagctcga agttcttcat cactcatggt ttcaccaaat      480
tctctagcaa cacgtcgcaa attcctcaag cttattttac ctgaatcatc atcatcaaat      540
agtttaaatg ccttgagtat ttcttcatgg ggatctcttt ccaatatcca gtctgtcaca      600
acttcattaa aatcttcaaa ggtgattttt cctgtggctt ctctgtcata atctttaaga      660
atcttcagta catcagcttt ttttacatca aaccccaagg ctctcattgc cacctttaat      720
tcatgataat ctattgcttc atctttgtct gtatcaaata gttcaaaagc atctttaatt      780
tcttgtttct gttcctcaga cagttctctt ctttttttcc tctttgtttt gtccactaca      840
agctcacttc tcagagctaa actcattatc tcttcgcaca gagacgttcc tctcaagaac      900
gattttaacc ccctacccaa ggcagcaaga cgcccacagc cgttcaaccg gacgcgtggg      960

```

<210> 8116

<211> 2410

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (180)...(2038)

<223> similar to gil684833 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8116
tttcgtgctc agcagacacc aggccttccg ggcaggcctg gccaccgtg ggcctcagag      60
ctgctgctgg ggcattcaga accggtcttc cattggcatt gggaccagag accccgcaag      120
tggcctgttt gcctggacat ccacctgtac gtccccaggt ttcgggaggc ccaggggcca      180
tgccagaccc cgcgggcgac ctgcccttct tctacggcag catctcgctg gccgagggcg      240
aggagcacct gaagctggcg ggcattggcg acgggtctt cctgctgcgc cagtgcctgc      300
gctcgctggg cggctatgtg ctgtcgctcg tgcacgatgt gcgcttccac cactttccca      360
tcgagcgcca gctcaacggc acctacgcca ttgccggcgg caaagcgcac tgtggaccgg      420
cagagctctg cgagttctac tcgcgcgacc ccgacggggt gccctgcaac ctgcgcaagc      480
cgtgcaaccg gccgtcgggc ctcgagccgc agccgggggt cttcgactgc ctgcgagacg      540
ccatggtgcg tgactacgtg cgccagacgt ggaagctgga gggcgaggcc ctggagcagg      600
ccatcatcag ccaggccccg caggtggaga agctcattgc tacgacggcc cacgagcgga      660
tgccctggtg ccacagcagc ctgacgcgtg aggaggcca gcgcaaactt tactctgggg      720
cgcagaccga cggcaagttc ctgctgaggg cgcggaagga gcagggcaca tacgccctgt      780
ccctcatcta tgggaagacg gtgtaccact acctcatcag ccaagacaag gcgggcaagt      840
actgcattcc cgagggcacc aagtttgaca cgctctggca gctggtggag tatctgaagc      900
tgaaggcgga cgggctcatc tactgectga aggaggcctg cccaacagc agtgccagca      960
acgcctcagg ggctgctgct cccacactcc cagcccaccc atccacgttg actcactctc      1020
agagacgaat cgacaccctc aactcagatg gataacccc tgagccagca cgcataacgt      1080
cccagacaa accgcggccg atgcccatgg acacgagcgt gtatgagagc ccctacagcg      1140
accagaggga gctcaaggac aagaagctct tcctgaagcg cgataacctc etcatagctg      1200

```

acattgaact	tggctgcggc	aactttggct	cagtgcgcca	gggcgtgtac	cgcatgcgca	1260
agaagcagat	cgacgtggcc	atcaaggtgc	tgaagcaggg	cacggagaag	gcagacacgg	1320
aagagatgat	gcgcgaggcg	cagatcatgc	accagctgga	caacccttac	atcgtgcggc	1380
tcatgtggct	ctgccaggcc	gaggccctca	tgctgggtcat	ggagatggct	gggggcgggc	1440
cgctgcacaa	gttcctggtc	ggcaagaggg	aggagatccc	tgtgagcaat	gtggccgagc	1500
tgctgcacca	ggtgtccatg	gggatgaagt	acctggagga	gaagaacttt	gtgcaccgtg	1560
acctggcggc	ccgcaacgtc	ctgctggtta	accggcacta	cgccaagatc	agcgactttg	1620
gcctctccaa	agcactgggt	gccgacgaca	gctactacac	tgcccgtca	gcagggaagt	1680
ggccgctcaa	gtggtacgca	cccgaatgca	tcaacttccg	caagttctcc	agccgcagcg	1740
atgtctggag	ctatggggctc	accatgtggg	aggccttgct	ctacggccag	aagccctaca	1800
agaagatgaa	agggccggag	gtcatggcct	tcatcgagca	gggcaagcgg	atggagtgcc	1860
caccagagtg	tccaccgaa	ctgtacgcac	tcatgagtga	ctgctggatc	tacaagtggg	1920
aggatcgccc	cgacttctg	accgtggagc	agcgcatgcg	agcctgttac	tacagcctgg	1980
ccagcaaggt	ggaagggccc	ccaggcagca	cacagaaggc	tgaggctgcc	tgtgcctgag	2040
ctcccgctgc	ccaggggagc	cctccacgcc	ggctcttccc	caccctcagc	cccaccccag	2100
gtcctgcatg	ctggctgagc	cttgcttggt	tgtctccaca	cacagctggg	ctgtggtagg	2160
gggtgtctca	ggccacaccg	gccttgcat	gcctgcctgg	ccccctgtcc	tctctggctg	2220
gggagcaggg	aggtccggga	gggtgcggct	gtgcagcctg	tcttgggctg	gtggctcccg	2280
gagggccctg	agctgagggc	attgcttaca	cggatgcctt	ccccctgggc	ctgacattgg	2340
agcctgggca	tcctcaggtg	gtcaggcgta	gatcaccaga	ataaaccag	cttccctctt	2400
gaaaaaaaa						2410

<210> 8117

<211> 1828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1829)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1549)...(738)

<223> similar to gi3874821 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8117

ggcaccaatc	caatgtcagt	atctgcaggc	tgaagtacag	acagttacac	tgaaattgcg	60
tatgctctga	ggaatgacac	taaattcgct	tccaggaaaa	ttactcaatt	ttgtaagtaa	120
ttttcagttt	tttttctcag	ggatattttt	caactttcac	tttaattttc	tttagttgct	180
tagttgtaca	ttttgagaag	gcaaattccat	tggaaacttg	ggaggcttag	aacataaatc	240
agtattagaa	gtaaaaggga	cacacagcta	aaagttttac	tttaatcaca	aattcacac	300
tagagatata	atttgcatat	cttagaacgc	taaagacctg	ttaaaatttt	ttaaccaatc	360
agcaaaaata	tgtgccccac	agattttctaa	tgttcataat	ttagaattta	tcacatataa	420
tattttattaa	tagttttattt	gcaaaattat	tattcttaaa	acacttcttt	ccaacacatt	480
tacaatgttc	atgtgttttta	aagaaaaaaaa	ccacctcat	ttaaaaatgt	actactgact	540
ttaatgtgtg	gttataccag	tgccaccaaa	ttagaaaaga	aaaagaaaca	tacagctgta	600
ttggatatgt	agttactact	acaaataatg	acaacacacg	tcctatacaa	agatcatatt	660

cacgcttttc	taccacttct	cagtcattgt	cagaaccatt	tggaggtaag	aaaaccaatg	720
catcattgaa	aatatggccc	aaatgcccta	aggcggtata	ccccatacat	catcacatgc	780
atctgatttg	gagtcagtcc	attaaaagta	acagccatat	ctgaacaaca	gccttctact	840
acctggttgg	ggtgataagt	cattgcctct	ttaatagaaa	gccaacaga	tttgggtatta	900
aatacatctt	ttccatcagc	atcttctgca	ttttctgcaa	atactccagc	atatttcagg	960
caaactgcta	gctgtttatc	ttcagatatc	ttccaaatca	tccctccctg	ttcaggacac	1020
ttttctggga	tattgagaag	gctgttaagt	cttttcattg	attctacact	taagacaatt	1080
cctccttcca	taccacata	ttcaaggctc	ccagatttta	tagtgtggcc	tagatagaaa	1140
ggctgtgatg	gatccttttt	taacaaaaaa	tacttttaggt	tttcaatgat	agcaaacgta	1200
gtggggcggtg	caaggaagaa	ccagttgtat	tggctctctat	acttatcaaa	ggcgtatttg	1260
taagcttttc	tcatcattaa	ccacatgtca	tttgtgtcca	tattaattga	ctcaaacact	1320
ttaacatttt	cagaactgaa	gaactctgct	ttgtcacagt	gtttgggtcca	agtctccttt	1380
actgcagccc	aaagactcac	atctttgggt	tttacaagga	taatacagta	tactcgaaag	1440
ctcttactga	gctccatgcg	ctcatcctct	gaaattttca	agatatcttc	tttgtagga	1500
gcttgtaggt	gatgatgctc	atggtggtgc	attctatttc	catgaccaat	cctaattgtgt	1560
cttagcatag	tgatcaaagc	acagaaaatg	cttccaagca	tcacaccctt	caaaaaggag	1620
ctgctttcag	aaagcatttt	tcccgcgtct	agaacggctt	ggggacagga	aagcgcagcc	1680
gcgcacgggt	ttcctctcac	gttggcgcac	cactccgtta	cgctcctgac	caggccccac	1740
gcgtccgcgg	acgcgtgggt	cggccccgtn	nttcnnnnc	nggngaactg	tnctgcnccc	1800
catttcccgg	ggggagmnna	gaccagcg				1828

<210> 8118

<211> 1597

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (159)...(1102)

<223> similar to gi4050050 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8118

tcctgaaact	gaagctttac	gcctgaggta	ccagttcgca	attccacgcc	acgcgtccgg	60
gcggcgcggtg	gcggcgatcc	ccacgtgggtg	gctttctcac	gctagccctc	tttgggtctc	120
cttgacgtcc	cgggcctgtg	ggcccgtttt	ctgccgagat	gccgaaggtc	aagtcggggg	180
ccatcggccg	cgcgcgcggg	cggcaggagc	agcgcgggga	gctgaagagc	gctggaggac	240
tcatgttcaa	cacggggatt	gggcagcaca	ttttgaaaaa	tcctctcatt	attaacagca	300
ttatcgataa	ggctgcctta	agaccaactg	atgtagtgct	ggaagttgga	cctggaactg	360
gcaacatgac	tgtaaagttg	ttagaaaagg	caaaaaaggt	tgttgcttgt	gaacttgacc	420
caaggctagt	agctgaactt	cacaaaagag	ttcagggcac	gcctgtggcc	agcaaacttc	480
aagtactgggt	gggtgatgtg	ctgaaaacag	atctgccatt	ctttgatact	tgtgtggcaa	540
atttgcctta	tcagatctct	tcaccttttg	tcttcaagct	gttgctacat	cgaccttttt	600
tcagggtgtgc	tatacttatg	tttcaaagag	aatttgcctt	ccgactgggt	gcaaaacctg	660
gagataagtt	atactgcaga	ctctcaatta	atacacagct	gttggcacgt	gtggaccatc	720
taatgaaagt	gggaaagaat	aacttcagac	caccgcccaa	ggtggaatcc	agtgttgtaa	780
ggatagaacc	taagaatcca	ccaccaccca	tcaatttttc	ggaatgggat	ggtctagtaa	840
ggataaacctt	tgtaggaaa	aacaagacac	tctctgtgc	atttaaataca	agtgcagtgc	900
aacaactctt	ggaaaaaaac	tacagaattc	actgttctagt	ccataatatt	ataataccag	960
aagatttcag	catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	1020

aacgggcccc	ttccatggac	atagatgact	tcatcagatt	gctacatgga	ttcaacgcag	1080
aaggtattca	tttttcctag	gtatttggaa	aacagaaatt	ttcaaggtca	agaaaagaaa	1140
tgaattttgt	attttttcta	tttgagaaga	taatgctttt	gctttactga	gacattattt	1200
acttgactat	ttttggttca	atactactac	tggtgtcacc	atttatgatt	ctgaatttta	1260
aagtgggaaa	gttctaagta	tcaaagtttt	taatataata	tgctgggtcca	atctattcat	1320
aataatcttc	aagttcagga	gccgcagaga	cgcacaactt	tacacttata	atttctaaca	1380
gtttattgta	taaagatggt	actcttctat	ttactgttat	atactgtaag	gccttcttta	1440
ggccttttag	tctgttcctc	cagtaataaa	aaagttaaaa	tatgcttcac	tagtcacaca	1500
ttccccatac	catttcgtgt	tattcacatt	ccccgtacca	tttcttggtta	ttcacatgta	1560
cagtaaaaaca	attgtttctt	aaattaaaaa	aaaaaaa			1597

<210> 8119

<211> 4689

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4568)...(1568)

<223> similar to gil524092 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8119

ccccagtc	cacaaccttt	atttctctac	caaacagcag	gtcagcaggt	gggtacaggg	60
cccgtcctg	ctaagacctc	cccacctccc	cccaggaaaag	aagcagagaa	tctctgcagg	120
caccagactc	cctgcctccc	ccactgcgtt	tctctcactg	gccgcccaga	acctgtgaga	180
gggaggaggg	gtgaggcgta	ggggaggggg	ctacagaaca	tccagcccat	tggtctgcaa	240
ggcaggtcga	ggggctttgg	atgtggggga	ctaggaaaag	gatgtgagtc	ttgatttaca	300
tataaaatca	tcagtctgca	cacgtcttag	gagggggcaa	gacataggga	caatccttgg	360
tgcaggtttc	tgctaccctt	cgctagtttt	tgccaaagta	gcaaaagctg	agttaagaga	420
aaaattctgt	ccatcagagg	ccatcttctt	ctcatctgat	atgacgtggt	cctccagcag	480
ggagggaggg	agagcgggtg	cccttgggga	atcagccatc	cttagtgaca	tcctttcggc	540
tcatgggtgt	cgtggggagg	gggcaaggag	tgaggccaag	agtccaggaa	gccaccagg	600
ctcagaggcc	cccagctgtg	cagacagcgc	ggcgggcgca	cactgggctg	ggtagaaggg	660
cgccacggtc	aggaacctga	ggatgtcggt	ggtctcaggt	accagggacg	cggttgga	720
gttggaacct	tgctgggcag	taccggggcg	caagtgtgac	tctgaacatc	tcccgaagtc	780
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ctgttacaca	gctggggccc	agatggggcc	tttcttgatc	ccccagggg	cttgaccca	1080
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caagctccag	ctgcactcgt	gatttggggg	tggggggggc	ccggatctct	gggtatgctg	1260
ccagctccgg	cttcttggct	gccccctccc	agcctgcagc	tcctgggcca	gagctgcaga	1320
gcaggaact	tcccaggaga	gtccaggaga	cagggaattac	agacctccca	ggccagaagg	1380
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gccatggaca	tggccacagc	caccagcagc	caggggttca	tccagggcgg	catccgcagc	1800
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cggggcagct	tctctatgat	gtccagggtct	ggcgggttga	agcccagagc	cgtggcaggt	2160
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ccagtcatag	cagtgatctc	gttaaaggac	tgcagggtct	ccacgatgcg	ggacttgtgt	2520
gcgggtccca	cgcgggcgaa	gcagcgggag	gtgcgcgagg	cctggcgctg	ctgctcgggg	2580
ctgaggtcat	caaaactcgcg	gcccgtgtag	gccttgcccg	ccacgtcttc	cgtgtcccca	2640
aagatgccaa	gcctgcggca	gatggccacg	gcagtgcctt	tggtatcccc	cgtgatcatg	2700
accacgcgga	tgccgcgctg	gtagcagcgt	gtgatgcagg	cagccacctc	aggtcgcggc	2760
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ctggaggtgg	gggtcagggg	tgctgtgcgg	ctccccacgc	ggactgagct	acagcgtcgc	3000
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<210> 8120
 <211> 1352
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1228)...(647)
 <223> similar to gi2598565 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8120
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gggctggggc ttccctggag ctgcgctcag gcaccaagtc tgtgggtctc atggctctag      180
ctctgctgct ctgtgcagag ccccgaggat accgggaaga acccagggca ctggacacat      240
ccctggaaag cagcaacctg ctgccacagg taaagcaaac ccatgagagg aaacggtcag      300
agccagcagg catgggacag ggaggactgc tggccctctc cactgtggcc cacaccggcg      360
ggttcaggcc agtcttgga tgtgaagatg gtggagggcc agctgctggc tggcaggggtg      420
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```

<210> 8121
 <211> 4790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4528)...(3038)
 <223> similar to gi4589652 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8121

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aaatttttatt	acacaaatat	cacccattcc	cacgtgtcag	aggaaagatg	tccttgctct	180
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caaaaaaata	tatatattaca	atattttctcc	gaaaaacaaa	aaacacaacc	aaacccttta	420
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<210> 8122

<211> 1375

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (108)...(733)

<223> similar to gi469945 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8122

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ctcactggag	agttctgggc	ctctgcctct	tatcagttgg	tgtttggggg	caagatggta	180
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gagcgggtgt	tggcggcagg	caaaggggac	aaaacaagga	gaggccacca	cctgttccca	660
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<210> 8123

<211> 1014

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(394)

<223> similar to gi3395506 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 8124

<211> 5707

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (160)...(4751)
 <223> similar to gil79517 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8124

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gcacttaggt	ccaagggtctc	cagagggtga	aagctggagt	ctgtcaatgt	cctactgaga	4860
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ttcagtcaaa	gataacaaat	ctgaaacagc	ttcatggggg	ggactctaac	agtagttgca	4980
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gggcaatgga	caaggaagga	ataaagggag	aagagggaaa	acagaaaaacc	ctgatgctgg	5520
ggacacagca	tcagctcaag	acgtcaccc	ccattctgca	ctccagaaaa	tggcacttgg	5580
gggacttttg	cgcattgggtc	ctttaaccac	ttttcaatgt	ctaaaaacat	ttgtttgtgg	5640
tctataagat	gaaacatcat	ttcaatcgta	aaatttccca	ttaaagaagt	ttttttttct	5700
aaaaaaa						5707

<210> 8125

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (132)...(560)

<223> similar to gi4929737 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8125

ctactctcgc	gggtcctcag	cgttctcctg	cggaaccttt	gaacggggta	ctcgagccca	60
caggggaaga	gcagcggaag	gggcctttcg	gaacgatttg	gaacgaaagg	aagtggaaga	120
aacgcggaac	catggccgct	gtggttgctg	tttgcggtgg	tctagggagg	aagaagttga	180
cacacttggt	aacggctgct	gtcagcctta	cacatcccgg	gactcacacg	gtgctttgga	240
gaagaggttg	ttcacaacag	gtatccagca	atgaggacct	gcccatattca	atggaaaatc	300
cttataaaga	acctcttaag	aaatgtatct	tgtgtggaaa	gcatgtagat	tataagaatg	360
tacagctttt	gtcccagttt	gtttctccat	ttactggatg	catttatgga	aggcacatta	420
caggtctttg	tgggaagaaa	cagaaagaaa	tcacaaaagc	aattaagaga	gctcaaataa	480
tggggtttat	gccagttaca	tacaaggatc	ctgcatactc	caaggaccct	aaagtttgta	540
acatcagata	tcgggaataa	attctatcac	gttaccacta	ataaacttat	tttacagtaa	600
gtggttgat	gatgccata	ctgactcaaa	ccaacctttg	gatagaaaag	tgtttgagga	660
gtgaggtaaa	gaatgacact	tccccttcat	accaatgtcc	attaagcaga	ttgctttatt	720
ttaaaatggt	aacactcatc	acatttttat	ctatgttgaa	ttaaaagtgg	gttctgtgtg	780
attgtcattt	aaaaaaa					797

<210> 8126

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (564)...(294)

<223> similar to gi6010051 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8126

tgaatcatgt	catttatattt	aaactaattg	taagacaatg	aatataaagt	tcaaaaaggt	60
gtaagcaggt	gatggtttta	ttggcaaact	tataggggta	gtgtatgaag	tcatttcaaa	120
taacagatta	agttgctttc	cttacaacta	aaagcttcaa	ttactacatt	tcaactttta	180
tttaacatca	catctacatg	gggaagcttt	aatttcaggt	ctgggagcag	ctggtaaaat	240
ggaaagttac	cacatccatt	ctagttcctt	ggatatgagt	atattcccct	tcacctttca	300
ccctattttc	attgaaattt	ccagtatact	ttgccccatt	tgggaatgtg	taagtcccca	360
gtccatgaaa	catattatcc	ttaaattgtc	cttcatatac	tgtcctgaa	aaatgctcaa	420
gtcttccaaa	accattcatc	ttgtcatctt	tccagcttcc	tgtgtagaca	atcccattag	480
gagtggatg	aatacctatt	ccatttctct	cgtagattcc	agaagatggt	cttgtacagt	540
caccatcata	cttgtctcca	tttggaagaa	taaagctgat	cttatacact	tctgaagttg	600
gccgagaggt	gttagagaga	tcttccaaac	tctgcgactc	cccctgggcg	gccagctctg	660

cggccgggag agaactaggc gctaggacag ctccag

696

<210> 8127
<211> 879
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (123)...(483)
<223> similar to gi529900 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8127
ggcacgagcg gcacgagccg ggctcggccg acccggcggg gatctagggg tgggcgactt 60
cgcgggaccg tggcgcatgt ttcttgggag ttactgatca tcttctttga agaaacatga 120
agttacacta tggtgctgtg cttactctag ccactctgat gttcctgaca tggcttccag 180
aatcactgag ctgtaacaaa gcaactctgtg ctagtgatgt gagcaaatgc ctcattcagg 240
agctctgccg gtgccggccg ggagaaggca attgctcctg ctgtaaggag tgcattgctgt 300
gtcttggggc cctttgggac gagtgtgtg actgtgttg tatgtgtaat cctcgaaatt 360
atagtgcac acctccaact tcaaagagca cagtggagga gctgcatgaa ccgatccctt 420
ctctcttccg ggcactcaca gaaggagata ctcagttgaa ttggaacatc gtttctttcc 480
ctgttgacga agaactttca catcatgaga atctggtttc atttttagaa actgtgaacc 540
agccacacca ccagaatgtg tctgtcccca gcaataatgt tcacgcgcct tattccagtg 600
acaaaggtaa ctgccaacag ttgacttttt ccattccgcc cctcatgtg gtctgtccat 660
gtaatctata aaacctatat aagaccatct tttggagcag ccttttggtt ttgaatttgt 720
atcatctttg ctttcaatat ttaatttttt cctttttact tatttatatt tgctaaaaga 780
ttacctactt tattattact ctacaaataa ccagcttttg cttttattgc ttggcttagt 840
tggctttttt aatttgcttt ttaaaattac tgtttttat 879

<210> 8128
<211> 693
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (606)...(336)
<223> similar to gi4006932 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8128
tttttttttt ttaacttttc acttctttta tttgttaaaa tagtcacatc catatacatg 60

aaaagatttg	accataatgc	attcattgat	tgtggctctt	gccatctcgt	ggcatccagg	120
atcctggctg	aaagggttta	ccagtgtgc	tgggagccac	tgagggttct	tcctttccaa	180
agtatggagc	agaggcatgg	cctttaattt	gagtttgaac	tggaggaggc	aggagttcct	240
cactggtctc	tttactaagg	agtttttctt	tttcataaaa	atcttggctt	tttattttga	300
tttcttctct	gtgtttttca	ttctttagta	tttctcccat	agtaggtgga	gtctttcttg	360
ttcttcta	ccaagcttcc	cattctgttg	gaatatcccc	tgcttcata	tctacttctt	420
ttttatttgc	tgcttctaca	attcttttct	ctcgaatagt	ttgtcctctc	cagttcttgt	480
actgcgggat	gtagtagtat	ttgttccccg	attggtccgt	gcccacgtgc	tctttcactt	540
cccttgacag	cgatctccac	aaggcgcgga	acaaatcctg	agaccaaccc	atgccgtcca	600
cccagtttcc	agcgctgcca	ccagcgcccc	ccgcagtagg	ggtaatgctc	caaccgccga	660
caaagcccac	cgaggcgga	aagtcagccg	aaa			693

<210> 8129

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (118)...(443)

<223> similar to gi2316080 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8129

cggccggcac	tgccgttagg	accgaaggcg	cgcggtggcg	cccagcagct	ccagcgaggg	60
gtcgcgcagc	agcgggggtct	ccccactccc	cgccgcccc	tgtgagatcg	ttctgcatgg	120
gctcgggctc	agagcccggg	cgctgtggaa	gagattctag	accgggagaa	caagcgaatg	180
gctgacagcc	tggcctccaa	agtcaccagg	ctcaaatcgc	tgcgcctgga	catcgatagg	240
gatgcagagg	atcagaaccg	gtacctggat	ggcatggact	cggatttcac	aagcatgacc	300
agcctgctta	cagggagcgt	gaagcgcttt	tccacaatgg	caagggtccg	acaagacaac	360
cggaagcttc	tatgtggcat	ggccgtgggt	ctaattgtgg	ccttcttcat	cctctcctac	420
ttcttgtcca	gggcaaggac	gtgagccagt	gggagctggg	gtctgtgggt	gccaagggca	480
gccagggctc	tccttgctg	gtgttttggg	ctccagagga	cttacctaca	aaatactcct	540
ttgcaattat	aattgtgggt	caggaatctt	cttctctg			577

<210> 8130

<211> 1963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (330)...(1030)

<223> similar to gi5123952 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8130
tttcgtggca agatggcgga agggtagact tgctgttttg ctcctaggcg ttggggcctg      60
aattctccca gggttggggg gctgggcgag agtcccgggt gggaacgtga gatcagcggg      120
ggcgtggact gatctgaaag ggcagagtgg agtcgcattg tgaggggggt ggcaagcggg      180
ctgcgaagcc tcggcccgcg ggggtacatct gagcggggaa taaaccggat ccttgggcgg      240
gcaggaatcg caccgcgggt ctgccagatg tgtctgtctt ccacaggag gacgtgggat      300
gggtggcggag ctggctgcag cagagctacc aagcagtcaa agagaagtcc tctgaagcct      360
tggagtttat gaagcgggac ctgacggagt ttaccagggt ggtgcagcat gacacggcct      420
gtaccatcgc agccacggcc agcgtgggtc aggagaagct ggctacggaa ggctcctcag      480
tagcaacaga gaagatgaag aaagggttat ctgacttcct aggggtgatc tcagacacct      540
ttgccccttc gccagacaaa accatcgact gcgatgtcat caccctgatg ggcacaccgt      600
ctggcacagc tgagccctat gatggcacca aggctcgcct ctatagcctg cagtgcggacc      660
cagcaacctc ctgtaatgaa ccagatgggc ccccggaatt gtttgacgcc tggctttccc      720
agttctgctt ggaggagaag aagggggaga tctcagagct ccttgtaggc agcccccca      780
tccgggccct ctacaccaag atggttccag cagctgtttc ccattcagaa ttctggcatc      840
ggatatttcta taaagtccat cagttagagc aggagcaggc ccggaggggac gccctgaagc      900
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tgggcatttc acccatatct ccaaaagagg caaagggttc tgtggccaaa atttctacat     1020
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agcccccagc agaggtgact ccatcagaga gcagtgaag catctccctc gtgacacaga     1140
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tgctagaggc atccttggag gaacagggcc tggctgtgga tgtgggtgag actggaccct     1260
caccctctat tcactccaag cccctaacgc ctgctggcca caccggcggc ccagagccca     1320
ggcctccagc cagagtagag actctgaggg aggaggcgcc cacagactta cgggtgtttg     1380
agctgaactc ggatagtggg aagtctacac cctccaacaa tggaaagaaa ggctcaagca     1440
cggacatcag tgaggactgg gagaaagact ttgacttggg catgactgaa gaggaggtgc     1500
agatggcact ttccaaagtg gatgcctccg gggagggtgag tgggcctggt gggtcagagg     1560
gaagcgaagc taatggtcct ggggtgtgaga gctctcccca gccagcccag ctgtcccctc     1620
aggagggtcc ctgctcctgt ctgaggtgac aggtggtggg aggtgagctg gagcttcctg     1680
ctcagagcca caacattggt catcagcagg ctgcactttt cctcagttcc aggggtggata     1740
gagggtcaag ttcttgacct tagctctgta tcaaaattgc ctgagaaact gcttaagaaa     1800
acagatgtca tgctgagcgc ggtggctcac acctgtaatc ccaacacttt gggaggccaa     1860
gggtgggagga ttgcttgagg cgaggagttc aagaccagcc tggccaatat agtgagaccc     1920
catttctgtt tttgaaaaaa aaaaaaaagg ggcggccctt tag                          1963

```

```

<210> 8131
<211> 6769
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(6770)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (6377)...(4027)
<223> similar to gi2662079 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8131

tttttttttt	ttaccttatt	atatagaatt	tgtacaatat	atttcttttc	gtttgcatat	60
tttaaccac	agcttaacat	cctttttaca	ggctgaactc	actcaggctg	atagaatcaa	120
aattctttca	accaaataag	aaaaattcaa	aatcgtaaac	ccgtaagaaa	acaaattaaa	180
aacggtgatg	aaaatacgtc	actcctctcg	ttaggaacag	tgtctggttt	gtaccacaag	240
gtatgcctct	ggaacaagga	tttctttaca	agcgtaaggc	acggtgtttc	cacctttgct	300
ctgcgggctt	cgctccctcc	ggagcctggg	gctccttgga	aagcggcggg	gacgcggcgg	360
gctctgggct	tcggcaggcg	caccccggtt	ggccgggaag	acagaaggcg	ggccggggcc	420
gaagccgggg	aagaggcagc	ccgcgtgggt	cgcagccgga	actcagggtt	tggttttccc	480
gtgaaacttg	cagcgaagaa	tcccagaacc	aagcaggggc	aagtgggcgg	acaaggtgct	540
cctggggagc	ccagcgtttt	attttacagc	tgaatcttcc	ctaaccggga	agattgaatt	600
acaaccggcg	gcgattgcca	tagggggagg	ttaattccgg	ccctaccgcc	cgctttactc	660
ggagtctggg	gtgtggaggg	gcgtgggtgg	cgctatctcg	tctaccttcc	aggttggtcg	720
tgagtctgag	cacgcagcgg	ggcctccctc	ccaagcacta	agacttggtt	cctgtgagtc	780
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gccttctctg	gggtggtgca	ggcagctccc	aaagcaaggt	aggtttggca	aagagcaaaa	900
gatgggaaaa	gggtttctac	ggagccagca	gcacctgcct	attcagggtc	caagccacag	960
gaaccaggcc	aggcctttcc	accagggcaa	tggcctcagt	cctcaggcca	ccaagttcca	1020
ggacctgccc	catgtgttcc	cgtctccctt	aaatcccacc	ctccaccgcg	cccgggatgg	1080
ttctaccaga	actctggggc	ttagctgaga	acccaattgt	agggctgtga	agccccgctg	1140
caccttgtag	tcctgaccca	gaaggcgaaa	gtgctcctta	ataggaagat	gcttccagac	1200
ctgcaagact	tgggcccttg	caatccagat	ccctgcagac	cctgcacaga	gggatcttca	1260
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aagctagagc	tttaaggcct	tttccctgat	gagccttcat	cagacagtcc	ccgacgagct	6480
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catccacatc	ctctgcactg	gccaggtggg	cgctatagag	agccagggca	gcaaagagca	6600
gccaggagta	gttatggata	tatggctgga	tgagcctctg	ccggtcactg	atccgaatgg	6660
ttaccattgg	gtggggccgtg	atgctgtggg	taggcaaattg	gccgtaggag	tatttctcgg	6720
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<210> 8132

<211> 1389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (573)...(732)

<223> similar to gi5002569 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8132

cgatttcgtg	taagatggca	gcggacggac	agagctcgct	ccccgcttca	tggcggtcgg	60
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tgagcctcag	ccctgtatct	gtcatcgctg	gtttcgtgac	cctcatcata	tttaagcggg	180
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tcaaaaacgt	catccaggag	ccacggccct	gtggaggccc	ccacacagca	gtgggcacca	300
agtacgggat	gccctccagc	cattcccagt	ttatgtggtt	cttctccgtc	tattccttcc	360
ttttcctgta	tttaagaatg	caccaaaca	acaacgccag	gttctctggac	ttgctgtgga	420
ggcacgtgct	ctccctggga	ctcctcgctg	tggccttctc	agtctctac	agcagggtct	480
acctgctgta	ccacacctgg	agccagggtg	tctatggagg	catcgctgga	ggcctcatgg	540
ccatcgcttg	gttcatcttc	accaggagg	tcctcacccc	gctgttcccc	aggatagcag	600
cctggcctgt	ctccgagttc	ttcctaattc	gagacacaag	cctcattccc	aacgtactct	660
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ccaagtggag	cctttttttt	tcttatttta	attttaatga	acaagggtgga	ccaaagggtc	900
gaaccagccc	ctcaaccagg	acctggggg	gcctgctgcc	tgggggcccgt	ggccagagac	960
cctcgctgtg	ctgctgccag	ccctggctg	ggcagaaagt	gcctcgggca	tgggcacctg	1020
ggtgtggggg	ggaggaggag	ggctcgcgcc	tctgggtctc	gggccaggaa	ttccagggtg	1080
cgtgagaagt	acacactatt	tatttttttg	ttttgtcaga	ggcaggcagg	attttggagc	1140
tggaagaatc	tgctctccgg	tggtgcctc	gtgaacagag	ggctcccggg	cagcttccca	1200
ggcccttcgc	cctatgccca	gagggcagac	tgccctctcc	tgggcccggg	tgggctgggt	1260
gccaggagga	tgggagcata	caccacaccc	tatatgccat	cggtggcggt	cctgacactc	1320
tgctccgca	tacgtggctg	gaggcgggct	ccatatcgag	cacgtgcatg	gcagctgctg	1380
tgatgtgct						1389

<210> 8133

<211> 1302

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (31)...(877)
 <223> similar to gil418767 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8133

ggcctgcgcc	tccacgtgga	tttggtagag	aaaccccgga	ctgggatcat	ggcagccgag	60
actcggaacg	tggccggagc	agaggcccca	ccgccccaga	agcgctacta	ccggcaacgt	120
gctcactcca	accccatggc	ggaccacacg	ctgcgctacc	ctgtgaagcc	agaggagatg	180
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catttcaagc	ggacaaagca	caagtggcga	atcatcagtc	ccaccctgct	agcagaatat	600
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caggcagtga	cctcccaaac	cagcctgcct	ggtcactgac	tgcttactct	accttagctg	900
gacctcgtct	cccagggatt	agagaaaaga	gcaggagtcc	tgggtcttcc	cagttgagac	960
tgctggagct	gagacacagt	actctcttaa	agaaggtggg	gagctgcccc	gggcagaacc	1020
cactggtggt	catgactacc	cctggtcctt	ctcaccttgt	ccctccactg	ccaacagaaa	1080
acaaagcagc	tgactgagat	ggtcaaagga	ctttggacca	taggggatct	ttggaaggct	1140
gtggggctct	gctcttcctt	agcactcctt	tctccttgtg	agatctctcc	tcagctggaa	1200
tgaggaatgt	agtccatcta	aactgcttgc	taggctcaat	taccacttct	gtttgctttg	1260
tggatcctgg	gataacatgt	atatgtgtac	acaaaaaaaa	aa		1302

<210> 8134
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (90)...(545)
 <223> similar to gi5531805 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8134

cccgggtcga	cgatttcggt	ctcctcagaa	gtcgcttagc	tcttcgggtg	ttgtcacacg	60
tccggaggcc	tagccgtcgc	gtacctagga	tgccgcgtgg	aagccgaagc	cgcacctccc	120
gcatggcccc	tccggccagc	cgggcccctc	agatgagagc	tgcaccaggg	ccagcaccag	180
tcgctcagcc	accagcagcg	gcaccccat	ctgcagttgg	ctcttctgct	gctgcgcccc	240

ggcagccagg	tctgatggcc	cagatggcaa	ccactgcagc	tggcgtggct	gtgggctctg	300
ctgtggggca	cacattgggt	cacgccatta	ctgggggctt	cagtggagga	agtaatgctg	360
agcctgcgag	gcctgacatc	acttaccagg	agcctcaggg	aaccagcca	gcacagcagc	420
agcagccttg	cctctatgag	atcaaacagt	ttctggagtg	tgcccagaac	cagggtgaca	480
tcaagctctg	tgagggtttc	aatgaggtgc	tgaaacagtg	ccgacttgca	aacggattgg	540
cctaataaag	aagttcaacc	tggagagatg	gaaaatcagc	tctcataact	aagttaattt	600
agtataaaaa	tagaattgat	agtgagggta	taaagtgtaa	ccatcagtta	aacctctcct	660
gtcattccta	gcttccttgc	ttcagaattg	aaatggaagt	gggggtgtcc	ctactctgta	720
gaatctggga	ctgggcaa	gtttgtgtgg	cctccttaaa	ctagctgtta	tgttatgatt	780
ttattctttg	tgagttaatt	agaataaagt	cattttcttc	caaggtaaaa	aaaaaa	836

<210> 8135

<211> 975

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (580)...(829)

<223> similar to gi2414615 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400>	8135					
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ggcccgttgt	ggggacggca	cgcgggggaa	ggggagggga	cggagaccga	agaacggagg	120
tccttatggt	tcttttcttt	ccttaaactc	tgcccggcct	gaagaggccg	gaagttgcat	180
ctctggacaa	gtaaactctg	agacctggga	atggcgggcg	ggaccgctc	ctccctggg	240
gtctagagga	gacccccgga	gatggtccct	gatgagcagc	gtgatgggtg	aaagctggac	300
tggctctccc	aaaggcgaag	ccgaggcttc	ttcctctgaa	cttttgggcc	agctgagggg	360
cccacggaca	tagggcaccc	acaataggcg	tgtgtctgct	gtgtgtttgt	gttcggccgt	420
cctgcttctc	tgcttccaca	cgtacacatg	cccctgtgtt	actttgggtc	atcttctgta	480
ctctgtcagt	tttctgctgg	tcagaacatc	tgtgactgtg	acagagctgt	ccaggattgc	540
agtggatagg	aatttcttca	catggctcct	ggagaagtga	ccatcacagt	tcgcctcatc	600
cgttcctttg	aacatcgcaa	tttcaaacct	gtagtgtatc	acggagtgaa	tttggacca	660
actgtaaagg	aatttatcgt	atttctaaag	caagatgcac	taaagattat	tcatcaagca	720
cataaatcaa	agacaaatga	acttggtgtg	agtttggaag	atgacgaaag	actcctgctg	780
aaagaagaca	gcactctgaa	agcagctgga	atcgaggagg	aggatgagaa	tgatgtgcat	840
tccgatctct	tggctgagga	cagtaggtgt	ctgctctcca	aatatgcaga	atgcaaattg	900
ctgttttcag	aagccagtga	aactgaaatt	gcattcttct	gtgaagaaga	ttataggaac	960
tacaaagcta	atccc					975

<210> 8136

<211> 2797

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (225)...(2797)
 <223> similar to gi3170196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8136

tggagatgga	ggggaaggag	gatgccccaga	aggtgctgaa	gtgcatgtac	tgtggacact	60
ccttttagtc	cttgaggac	ctcagcgctc	acatgatcaa	aaccaagcat	taccagaaag	120
tgccctctgaa	ggagccagtg	ccagccatca	ccaaactggg	cccctccacc	aaaaagcggg	180
cgcttcagga	cctggcgccc	ccctgctccc	ctgagccagc	aggaatggcc	gcagaggtgg	240
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gctatggcta	ccagaatggc	gccagctaca	cctggcagtt	tgaggcccgc	aaggcgcaga	360
tccctcaagt	catggagtgt	ggcagctccc	acgacacgct	gcagcagctc	accgcccaca	420
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gctacccag	catccatgca	gcctaccagc	tcccgggcac	cgtgaagcca	ctgccggcgg	900
ccgtgcagag	cgtgcaggtg	cagccgtcct	atgctggcgg	cgtgaagtgc	ctgtcttccg	960
ccgagcacia	cgccctcctg	cactccccag	ggagcctcac	gccccaccg	cacaagagca	1020
acgtgtctgc	catggaggag	ctggtggaga	aggtcacggg	caaggtcaac	atcaagaagg	1080
aggagagacc	ccctgagaag	gagaagagct	ccccggccaa	ggctgcgtcc	cccatagcaa	1140
aagagaataa	agatttcccg	aaaacggagg	aagtcagcgg	caaaccacag	aagaagggcc	1200
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cccacctggg	caaggtgtcc	aagcccgtga	gtccctcgct	ggaccgcgtg	gcgatgctgt	1440
acaagatcag	caacagcatg	ctggacaagc	cgggtgtacc	cgccaccctt	gtgaagcagg	1500
ccgatgccat	cgaccgctac	tattatgaaa	acagcgacca	gcccattgac	ttaaccaagt	1560
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gcgcactcat	ggacatctcc	gacatgggtga	aaaacctcac	aggccgcctg	acgcccgaag	1680
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agcaccttct	catcctgcag	gcccagttcg	cctcgagctt	gcgggagacc	acagagggca	1860
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tctccatgac	caccatcagc	cactggctgg	ccaatgttga	agttaccagt	ttgaggagga	1980
cagggggaac	gaaattccta	aaagaacctg	ggacacaggg	gcatcctggt	ttcttttgca	2040
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atgtttcgaa	agtcctcacc	aacaaaactc	tgggcccact	gggggccacc	gaggaagact	2220
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cgctctctg	gaccttggtt	ttcttacaca	tattttgtat	atttatatgc	tctctgtccg	2520
atctgtgcat	gttatttttc	tttttccgtg	agtcaaagtc	tgacctttat	tttcaacatc	2580
tgttcttggt	gttaagctat	cttttgtagg	aaatagtggg	gcacactact	cagagacatt	2640
atttagcagt	aaagaaagac	acaaataaca	atgataaaaa	gacatcctaa	aatggtgaag	2700
ttgccatgac	aataaaggtc	atagaacctg	gtagtgtcaa	atttaaccct	ttgaggactg	2760
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<210> 8137
 <211> 3021
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3022)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (527)...(2435)
 <223> similar to gi4868122 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8137

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cctgctactg	tcccacctaa	acaactcccc	ttacacggac	aagtgaacaa	ctgtggctgt	180
cctctccttt	tcttctcct	cttccaactc	cttctcctcc	tcccacttcc	cagccgcagc	240
agaaaagcccc	caaccaact	gacactggca	caactgcaaa	cggtgtcatc	cgcacaactt	300
tatctcgctc	ctcgggctcc	cctaaggcat	tggacccatc	gccgcgtctt	ttatTTTTTg	360
caaagtgtga	tcgctgtaca	tatttttgtc	cccgccacct	ccctctgtct	ctggagtgcc	420
ctacagcccc	gcaaactcct	cctggagctg	cgccctagt	cccctgctgg	gcagtggcgt	480
tcccccccat	cctcccgcgc	ccagcccctg	ctgctctggg	cagacgatgc	tgaagatgct	540
ctcctttaag	ctgctgctgc	tggcctgggc	tctgggcttc	tttgaaggag	atgctaagtt	600
tggggaaaaga	aacgaaggga	gcggagcaag	gaggagaagg	tgctgaatg	ggaaccccc	660
gaagcgctg	aaaaggagag	acaggaggat	gatgtcccag	ctggagctgc	tgagtggggg	720
agagatgctg	tgcggtggct	tctaccctcg	gctgtcctgc	tgctgcgga	gtgacagccc	780
ggggctaggg	cgcctggaga	ataagatatt	ttctgttacc	aacaacacag	aatgtgggaa	840
gttactggag	gaaatcaaat	gtgcactttg	ctctccacat	tctcaaagcc	tgttccactc	900
acctgagaga	gaagtcttgg	aaagagacct	agtacttcct	ctgctctgca	aagactattg	960
caaagaattc	ttttacactt	gccgaggcca	tattccaggt	ttccttcaa	caactgcgga	1020
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aaaacaagtc	agaggaccag	catctaacta	cttgaccag	atggaagaat	atgacaaagt	1140
ggaagagatc	agcagaaagc	acaaacacaa	ctgcttctgt	attcaggagg	ttgtgagtgg	1200
gctgcggcag	cccgttggtg	ccctgcatag	tggggatggc	tcgcaacgtc	tcttcattct	1260
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tttggacatt	cacaaacttg	ttcaaagtgg	aataaaggga	ggagatgaaa	gaggactgct	1380
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tgctcatggg	ctccacgatc	caggcagatg	tgctgtggat	agacatccca	ctgatataaa	1860
catcaattta	acgatactgt	gttcagactc	caatggaaaa	aacagatcat	cagccagaat	1920

tctacagata	ataaagggga	aagattatga	aagtgaacca	tcacttttag	aattcaagcc	1980
attcagtaat	ggtccttttg	ttggtggatt	tgtataccgg	ggctgccagt	cagaaagatt	2040
gtatggaagc	tacgtgtttg	gagatcgtaa	tgggaatttc	ctaactctcc	agcaaagtcc	2100
tgtgacaaag	cagtggcaag	aaaaaccact	ctgtctcggc	actagtgggt	cctgtagagg	2160
ctacttttcc	ggtcacatct	tgggattttg	agaagatgaa	ctaggtgaag	tttacatttt	2220
atcaagcagt	aaaagtatga	cccagactca	caatggaaaa	ctctacaaaa	ttgtagatcc	2280
caaaagacct	ttaatgcctg	aggaatgcag	agccacggta	caacctgcac	agacactgac	2340
ttcagagtgc	tccaggctct	gtcgaaacgg	ctactgcacc	cccacgggaa	agtgtctgtg	2400
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aacatccttt	gctggccaac	tgactgact	ccagaaagag	acttctaagt	gtaatcagag	2520
agcaaagcat	atgctgtctg	ccccctggaa	gcaagaggaa	ggaagaatcc	aagggagttt	2580
atatggcgga	tattccaccc	aaccaaaatc	caaaactgac	tgttcctttc	tgttgcactg	2640
gagttgcttg	agcctctgtg	tctccccctc	aggctggggc	actcccatgt	tgagatccta	2700
ccttgaagga	atgggaacat	agagcttggg	aggccctctg	tagagaatgc	tcctgtgaag	2760
cagagatttc	aaaggactaa	aatcttcatt	ttaaatagag	ttaattttgc	aaagggttgc	2820
aattgtttct	catgatctct	gcttctctag	aaatgtctct	cattctctgc	tgagttcagg	2880
tctccaaata	actatgggtg	taaaagcctg	tttccactct	gcatatttat	ctttcagatc	2940
atthttgtaac	tatctccctc	cttttttccc	tcgcttccct	tattcagcaa	atatttggtg	3000
gtctcatgct	cagtcttggt	t				3021

<210> 8138

<211> 1625

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(1248)

<223> similar to gi4914607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8138

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ctacagccct	tacggaagct	gccttttaga	gcctttcgca	cagatgccag	aaaaatccac	180
actgccccctg	cccgaaccat	gttcctgctg	cgtccccctgc	ccattctgtt	ggtgacaggc	240
ggcgggtatg	caggggtaccg	gcagtatgag	aagtacaggg	agcgagagct	ggagaagctg	300
ggattggaga	ttccacccaa	acttgctggt	cactgggagg	tggctttgta	caagtcagtg	360
ccaacgcgct	tgctgtcacg	ggcctggggt	cgcctcaatc	aggtggagct	gccacactgg	420
ctgcgcaggc	ccgtctacag	cctgtacatc	tggacgtttg	gggtgaacat	gaaagaggcc	480
gctgtggagg	acctgcatca	ctaccgcaac	ctcagcgagt	tcttcggcg	caagctgaag	540
ccgcaggccc	ggcctgtctg	tggcctgcac	agcgtgatta	gcccacgga	tgggaaggatc	600
ctcaactttg	ggcaggtgaa	gaactgtgag	gtggagcagg	taaagggggt	cacctactcc	660
ctggagtcgt	tcttgggccc	gcgtatgtgc	acagaggacc	tgcccttccc	accagccgcg	720
tcgtgtgact	ccttcaagaa	ccagctggtc	acccgggaag	ggaatgagct	ctatcactgt	780
gtcatctacc	tggcccctgg	ggactaccac	tgcttccact	ccccaccga	ctggactgtg	840
tcccaccggc	ggcacttccc	aggctccctg	atgtcagtga	accctggcat	ggctcgctgg	900
atcaaagagc	tcttctgcca	taacgagcgg	gtggtcctga	cgggggactg	gaaacatggc	960
ttcttctcac	tgacagctgt	gggggcccac	aacgtgggct	ccattcgcat	ctactttgac	1020
cgggacctgc	acacaaacag	cccaaggcac	agcaagggct	cctacaatga	cttcagcttc	1080

gtgacgcaca	ccaatagaga	gggcgtcccc	atgcgtaagg	gcgagcacct	gggcgagttc	1140
aacctgggct	ccaccatcgt	gtcatcttcc	gaggccccc	aggacttcaa	tttccagctg	1200
aaaacaggac	agaaaatccg	ctttggggaa	gccctgggct	cgctctagag	tctctttcct	1260
gattatggct	gctaagggat	cttttccaaa	cagagtggag	gtcttttcaa	gagggaggcc	1320
catgaggcca	tccaggtaag	ggcctgcctc	agcgtggttg	ggagtctgac	caggtaggac	1380
ttgaatgatt	eggctaccac	ctgttccaga	ggtgcagaca	agaggtggcg	agagccccc	1440
tcatgcccct	caacctatcc	cgttccttct	gcctacaaat	aaaaagtgca	ggctggaaaa	1500
aaataaataa	actgaaaaga	agctgaacac	aagaactaaa	aacaggaaac	cccggggggg	1560
gggggggtta	aaaaagaatg	ttgggggggc	caacattaat	ccgggagcag	acttgttttt	1620
ttttt						1625

<210> 8139

<211> 1383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (236)...(590)

<223> similar to gil67411 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8139

tttcgtgaga	aaccggggagg	gcaggcgcg	ccgttttgtt	ttatccgggc	cgcttcccgg	60
cgggagcg	gctgctaag	ggaagcgga	ggaggaggcc	gggcccggg	ctggttctat	120
cacccccttg	ggagcccagc	tcttcaccta	gctctccggc	gcttttcaa	atctgcagtt	180
aacaacaaaa	atcgagcaac	gccacgtcgc	acaaacagga	caggaggggg	cgaggaggat	240
aatagtagca	gaatttcaca	aaaaaatcaa	agaggcattt	gaagtctttg	accatgagtc	300
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accaattcca	gaagatgtcc	ttcttcgagc	ttttgaggtt	ttagattcag	ctaaacgtgg	540
gtttcttact	aaggacgagc	tgatcaagta	tatgactgaa	gaaggataac	ctgagatttt	600
cccaaggtaa	aatccaaata	gagacctgat	gtgccactgg	ctcgcccg	catgctagaa	660
tcaccagcca	gagatgagga	tgaaccgcgt	gccttcagga	cagggcggag	acggaggaag	720
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aggaagcttg	cttcgagatt	gcctaccttc	cccagcgccc	acctttcgag	ggtttttttt	1140
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ctgtttcttt	taaggccacc	agaaagcaca	acatagactc	cccacagaaa	tctcatttta	1320
tctcctaagt	tgcagaataa	aaagtacctt	gtttgcaaa	ggaacatttt	cctttaaaaa	1380
att						1383

<210> 8140
 <211> 1855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (48)...(997)
 <223> similar to gi5596433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8140
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ccaagctgca gacgggctgg tccgtgcaca cctaccagac ggagaagcag aggaggaagc      180
agcacctcag cccggcggag gtggaggcca tcttcaggt catccagagg gcagagcggc      240
tcgacgtcct ggagcagcag agaatcgggc ggctggtgga gcggctggag accatgaggc      300
ggaatgtgat ggggaacggc ctgtcccagt gtctgctctg cggggagggtg ctgggcttcc      360
tgggcagctc gtcgggtgtt tgcaaagact gcaggaagaa agtctgcacc aaatgtggga      420
tcgaggcctc ccctggccag aagcggcccc tgtggctgtg taagatctgc agtgagcaaa      480
gagaggctct gaagaggctg ggggcctggt tctacaaagg gctccccaag tatatcttgc      540
ccctgaagac ccctggccga gctgatgacc cccacttccg acctttgccc acggaaccgg      600
cagagcgaga gcccagaagc tctgagacca gccgcattca cagtggggcc cgaggaagag      660
tggtttccag tgacagtac agtgactcgg atcttagctc ctccagccta gaggacagac      720
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gcagcctggc cagtggtag acggggacag gctctgctga ccgagcccc gctgctgacg      900
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cagctccagc aggccctcc agctgcctgg gctgagggtg ctgggtgcctg gaacagactt     1020
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caccagacac cctgttgccc atgactcaac aaaccagtgt tgggagccgt ctgcctcccc     1140
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ccaaccactg ccctcagccc ccgaccttat ttattacct cccctccac acccccaatc     1260
tacctggtga tgattttaag tttgcgcgtg tcttgggttg ggctgggggg tttcccatat     1320
gcagtgtcag aggggccgcc cgggtggggt atctcgttg ctatattaat ggcaagacta     1380
aatgaaacct agggcacggc ctccgaagct gcgtgtggcc ccttagaggt gagcatcaga     1440
gccagagcag tgagggggag actcaccac cctctccctc tcccttcagc tctgggaggc     1500
aggcgcagtg ccccccctcc gtgggctggc ccaggaccgc ggggtgaaacc tgggtctggt     1560
tagtttcttt ggtttttgta tgtttgtttg tttttgacac agtctcgctt tgttgcccag     1620
gctggggtgc agtggcacga tcgcggctca ctgcaacctc cacctcccgg gctcaagcga     1680
ttctctcacc tcagcctcct gagtaggtgg gattacagat gcccgccacc acaccagtt     1740
aatttttgta tttttagaag agatgggggt tctccatgtt ggccaggctg gtcttgaact     1800
cctggtctca agtgatccgc ccgcctcggc ctcccaaagt gctgggatta cagggg      1855

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<210> 8141
 <211> 2165
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(1255)
 <223> similar to gi5689799 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8141
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 gctcgggagg tctgggtacc gggcgctgcc cctgggtgat tttgaccgct tccagcagtc 120
 gagcttcggc tttctgggct cgcagaaggg ctgcttgtcc ccggagcggg gcggcggtggg 180
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 acgagccttc aacgtccctc cctgcaagct ggcctctaag gacggggctg tgctgtccgt 480
 gggagccgat gtccagtttc gcatctggga cccggtgctg tcggtgatga ctgtgaaaga 540
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 cagtggttct ctggacaagg ctttgtccat cccggctccc agctgagtgc ccagcgtga 1500
 gctgggtgca cgggtgtgatt ccaggaggag agccaggcct gccctgccct gctggcttcc 1560
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 gggaaaaccc ggggggttcc ccaatttaat cgctttggag aaaatcccct tttccccggg 2160
 gggggg 2165

<210> 8142
 <211> 1333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1272)...(737)
 <223> similar to gi5114045 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8142
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 tgcatagctg ggatgcccag ctaatttttg tatttttttt agtatagatt ttggccaggc 180
 tgggtctcaa ctcctgacct caagcaatca gcctgccttg gcctcccaa gtactgggat 240
 tacaatctga tttagtttta caaatgacta acaaacttca aaaaacattc atagagtcaa 300
 taatgtatta tacatcttag atttatacat ttcatatatg cttttaaaagc ttcaattaac 360
 agttcaatac aaaattttaa aacaaatata tgcagcagtg gttctcaggc acagaactga 420
 ggaggagact ggagcaagtc ttttccctag gcatacatta cccgtggata ctatgaacca 480
 tgagagtggg atgtttcctt ctgacctagc tgcctttttg attgaatttt gttacaatga 540
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 cagaatcatc caatgaaaat aatattgtcc ataaagcatc tagagtatct gcctaagaac 720
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 aagtggatcc aagttaatgt tgttgaagcg gaacaggctg tcgcaggtaa aggcccgtag 1260
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 gccggaagtc tcc 1333

<210> 8143
 <211> 2560
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1991)...(1294)
 <223> similar to gil729769 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8143
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 attccagcag aaggaatagg agtgatgaga ctgctgtacc tgagttcagt aagatttcat 120
 tttttctgga taaagtactt tccaaatgca agatggcaca tctcttaagt tctgagagcc 180

ccactaacc	atcctctacc	aagattgctt	atctagcgca	ggacaaatgt	gaggaggcag	240
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gctcctgatt	aacttgactg	agtcattcct	gtcaacatgc	tcttctagt	aacctccaat	420
gcatctggca	tctttgacag	ttgccacttc	ctttgtgcat	agagccagga	agagcaatgt	480
ggacactacc	agaagtccaa	cattttcctg	ggccttccga	tctctcatgg	gccccatacc	540
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aggccttgac	cggcaccac	tgcctcctt	ccctgagcgt	cccagctgct	gtccacaaca	2460
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<210> 8144

<211> 3369

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (74)...(2735)

<223> similar to gi5281314 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8144

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ctcctttgag	gagttcgaac	ggcggagaga	agagagaaaa	acccgcgaga	agaaaagtct	180
tcaggaaaaa	ggcaagttat	cagctgaaga	aaatcccgat	gactctgaag	ttccatcatc	240
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acgcggccg						3369

<210> 8145

<211> 3722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (320)...(1591)

<223> similar to gil469179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8145

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aa						3722

<210> 8146

<211> 1139

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (66)...(1142)

<223> similar to gi3378206 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8146

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<210> 8147

<211> 3395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(1315)

<223> similar to gi4826454 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8147

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<210> 8148

<211> 4794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (64)...(2134)

<223> similar to gi5689471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8148

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<210> 8149

<211> 3707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3606)...(2911)

<223> similar to gi929615 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8149

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<210> 8150

<211> 4684

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4670)...(3199)

<223> similar to gi3882309 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8150

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<210> 8151

<211> 4746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4747)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (4322)...(611)

<223> similar to gi3882205 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8151

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<211> 2139

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1964)...(1583)

<223> similar to gi3176438 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8152

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<210> 8153

<211> 1625

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1567)...(887)

<223> similar to gi4454690 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8153

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cgaaa						1625

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<210> 8154
<211> 3474
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (112)...(793)
<223> similar to gi2649280 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8154						
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<210> 8155

<211> 1973

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1774)...(956)

<223> similar to gi285993 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8155

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<210> 8156

<211> 1465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (34)...(704)

<223> similar to gi34834 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8156

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ttggaatccc	TTTTTAAAA	AAAAA				1465

<210> 8157

<211> 1812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (185)...(1493)

<223> similar to gi34192 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8157

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aattattttc	ctcctcaagt	ttcattgact	ttttttcttc	acagcttata	catggtttta	1620
aggttgtata	tattagatct	tctcataaga	catattaata	tgtggctatt	aaaatgtaac	1680
attcaattac	tactgtgaac	ttttcacaaa	cgaataaca	atttagaaat	cagaaatcaa	1740
tgtagaaata	tggaacctt	aaatagttat	ttatagaatt	ctaagttttt	ccagttatag	1800
aatcagtaaa	at					1812

<210> 8158
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(178)
 <223> similar to gi37238 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8158						
gcagaactta	ccatgtcgac	cagccgcaaa	ttaaagagtc	atggcatgag	gaggagcaag	60
agccgatctc	ctcacaaggg	agtcaagaga	ggtggcagca	aaagaaaata	ccgtaagggc	120
aacctgaaaa	gtaggaaacg	gggcgatgac	gccaatcgca	attaccgctc	ccacttgtga	180
gccccagcg	ggctctgccc	tggtgcgctt	cacacagcac	caagcagcaa	caagaacagc	240
agaaggggaa	ctgccaagga	gacctgatgt	tagatcaaag	ccagagagga	gcctatggaa	300
tgtggatcaa	atgccagttg	tgacgaaatg	aggaatgtat	atgttggctg	tttttcccca	360
acatctcaat	aaaactttga	aagcagaaaa	aaaataaaaa	aaaaa		405

<210> 8159
 <211> 1976
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1768)...(1244)
 <223> similar to gi5360109 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8159						
tttttttttt	ttagcagttt	aatttggtcc	tgagaatggt	gcagtcttta	ttaccctttt	60
tgcattaatc	cacttttcta	accacctttt	aagctttaat	ttttaacact	atacaccaag	120
tctttgaaat	cagtgatctg	ttattttaact	ctaaagcatt	tgacacttct	tgcttaaca	180

gttttaaaaa	ccacacacaa	aaaaactctg	taagtaatac	agtaggccaa	aagtttcac	240
ctatctatct	tgacgtttac	ctatctgatc	tgatctctgt	aattatagtt	ctgtcattta	300
aaatatacta	tttaaatcta	atttttacat	ttcaaaaatt	atcttcagta	gtaactaagt	360
atattttctg	tggattctga	gaatgttatt	tttcagaatg	tgagaataca	tatgtacatt	420
tataatcttg	tgacttttaa	gtctgttttc	agatacagta	tgtaaatact	tgtaaaaaaa	480
tttgtataat	tttgtgataa	tgtagtttcc	caaaaaaatt	atctagaagg	cattatgtta	540
ttagtaaatg	agagcactgt	atagaactgt	tcctattttc	tgcaactgcc	attccagctg	600
cctccactgt	ccatacccac	ctcattcatc	ctgtcacaga	aggcaggaaa	actgggaact	660
ttaccaaagt	agcactcagc	ctgagaggcc	tgtataatca	tgcttttcaa	actaaattca	720
cttaaaaatt	aaaaagcaga	attgaatatt	ttaagcagcc	tcagtacctt	tggccaatgc	780
tgttttcattg	gtggattatg	aacattatat	aatctttggg	aaaagtgaag	gtagtacaat	840
ttttagaata	atgacaactg	cctcactgca	tctctccact	cacacagcaa	ccgtgtagcc	900
ccctaagctg	cagtaccatg	actaacctatg	atgtcaattt	catatgctga	tcctcacaac	960
agcagtgcac	aaacatgccc	caaataatttt	aacagaattt	agctcttcct	taagctgtct	1020
tttcatagta	aaaacaaaaa	aaaaacaccc	aatgttaaaa	ccacataata	aacttacaaa	1080
cttgaaaaat	tagacacttc	agatagatag	gcaataaaaac	ttcatattat	gaaagcaata	1140
tattccaagt	ttcaaagatt	tgacaagttc	tgtagagtat	ctttcatcag	tacatgaaaa	1200
cttccaaact	gcatgatctt	ctgccaggca	ggactgggtg	ctattcgctg	gtttgaggtc	1260
gaatccattt	caaggcatgt	cgtgggtggg	cattaatggt	gggatggtag	aatgtgcagt	1320
ccggtcttgt	acattgagtg	ttaaacctac	aatgttttgg	atgatagaag	ggacattcca	1380
tcttcttaca	agcaggggaag	taacggcaga	gctgactact	ggaagggtgt	gctgggtggtg	1440
caactgctgg	ttttggagac	agtactggaa	ttcttctact	cacatgagtg	aagggaacaat	1500
ctggtttagt	acactttgca	tcatattttac	aatttggtgtg	aacaaacaaa	catttttcag	1560
caaattttaca	attgggggaag	gctttgcagg	gtgagatggg	gtgatggtag	gcacactcat	1620
ccccattttt	acaagcaggc	cagtactttgc	agcgctccaa	aagtttttct	ggttttctgtg	1680
ccacactcag	ttcactcatc	tcagcgttag	aaaagctacc	atctgggtcc	tcaagctgcc	1740
tgctcagcaa	gtgcaactgc	tgtgggtgga	ggagacctct	gagtcctctg	tttgaggctg	1800
cagtttggtt	tacgggtttc	attccttcaa	agcacatgtc	ctcctcttga	tctgacatgt	1860
atcctggggg	gctggggaca	ccatccagcg	tcactataaa	cttgggactt	gcaggtttat	1920
ctggttgtac	aagatctcgt	gtctgcataa	ggtgtcctga	aagtaccgca	agggaag	1976

<210> 8160

<211> 3629

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (97)...(3030)

<223> similar to gi3300094 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8160

ccggctcgac	ggctcgggtca	ccgcctcgct	gtcgctcgcg	cgcccccggc	cgtcctctgt	60
ccgtaccgcc	cccggagcca	gggcccagtc	ctcgccatgc	cggccccggcg	gctgctgctg	120
ctgctgacgc	tgtctgtgcc	cggcctcggg	atcttttgaa	gtaccagcac	agtgacgctt	180
cctgaaacct	tgttgtttgt	gtcaacgctg	gatggaagtt	tgcatgctgt	cagcaagagg	240
acagggtcaa	tcaaattggac	tttaaaagaa	gatccagtcc	tgcaaggccc	aacacatgtg	300
gaagagcctg	cctttctccc	agatccta	gatggcagcc	tgtatacgct	tggaagcaag	360
aataatgaag	gcctgacgaa	acttcctttt	accatcccag	aattggtaca	ggcatcccca	420

tgccgaagtt	cagatggaat	cctctacatg	ggtaaaaagc	aggacatctg	gtatgttatt	480
gacctcctga	cgggagagaa	gcagcagact	ttgtcatcgg	cctttgcaga	tagtctctgc	540
ccatcaacct	ctcttctgta	tcttgggcga	acagaataca	ccatcaccat	gtacgcacacc	600
aaaacccgag	agctccggtg	gaatgccacc	tactttgact	atgcggcctc	actgcctgag	660
gacgacgtgg	actacaagat	gtcccacttt	gtgtccaatg	gtgatgggct	ggtgggtgact	720
gtggacagtg	aatctgggga	cgctcctgtg	atccaaaact	acgcctcccc	tgtgggtggcc	780
ttttatgtct	ggcagcggga	gggtctgagg	aaggtgatgc	acatcaatgt	cgctgtggag	840
accctgcgct	atctgacctt	catgtctggg	gaggtggggc	gcatacaaaa	gtggaagtac	900
ccgttcccca	aggagacaga	ggccaagagc	aagctgacgc	ccactctgta	tgttgggaaa	960
tactctacca	gcctctatgc	ctctccctca	atggtacacg	aggggggttg	tgtcgtgccc	1020
cgcggcagca	cacttccctt	gctggaaggg	ccccagactg	atggcgtcac	catcggggac	1080
aagggggagt	gtgtgatcac	gccagcacg	gacgtcaagt	ttgatcccgg	actcaaaagc	1140
aagaacaagc	tcaactactt	gaggaattac	tggtctctga	taggacacca	tgaaacccca	1200
ctgtctcgct	ctaccaagat	gctggagaga	tttcccaaca	atctacccaa	acatcgggaa	1260
aatgtgattc	ctgctgattc	agagaaaaag	agctttgagg	aagttatcaa	cctgggttgac	1320
cagacttcag	aaaacgcacc	taccaccgtg	tctcgggatg	tggaggagaa	gcccccccat	1380
gccccgtccc	ggccccgagg	ccccgtggac	tccatgctta	aggacatggc	taccatcatc	1440
ctgagcacct	tctgtctgat	tggctgggtg	gccttcatca	tcacctatcc	cctgagcatg	1500
catcagcagc	agcagctcca	gcaccagcag	ttccagaagg	aactggagaa	gatccagctc	1560
ctgcagcagc	agcagcagca	gctgcccttc	caccacactg	gagacacggc	tcaggacggc	1620
gagctcctgg	acacgtctgg	cccgtactca	gagagctcgg	gcaccagcag	ccccagcacg	1680
tccccagggg	cctccaacca	ctcgctctgc	tccggcagct	ctgcctccaa	ggctggcagc	1740
agccccctcc	tggaaacaaga	cgatggagat	gaggaaacca	gcgtgggtgat	agttgggaaa	1800
atttccttct	gtcccaagga	tgtcctgggc	catggagctg	agggcacaaat	tgtgtaccgg	1860
ggcatgtttg	acaaccgcca	cgtggccgtg	aagaggatcc	tccccgagtg	tttttagcttc	1920
gcagaccgtg	aggtccagct	gttgcgagaa	tccgatgagc	acccgaacgt	gatccgctac	1980
ttctgcacgg	agaaggaccg	gcaattccag	tacattgcca	tcgagctgtg	tgcagccacc	2040
ctgcaagagt	atgtggagca	gaaggacttt	gcgcactctg	gcctggagcc	catcaccttg	2100
ctgcagcaga	ccacctcggg	cctggccccac	ctccactccc	tcaacatcgt	tcacagagac	2160
ctaaagccac	acaacatcct	catatccatg	cccaatgcac	acggcaagat	caaggccatg	2220
atctccgact	ttggcctctg	gaagaagctg	gcagtgggca	gacacagttt	cagccgcca	2280
tctgggtgct	ctggcacaga	aggctggatc	gctccagaga	tgctgagcga	agactgtaag	2340
gagaacccta	cctacacggg	ggacatcttt	tctgcaggct	gcgtctttta	ctacgtgggtc	2400
tctgagggca	gccacccttt	tggcaagtcc	ctgcagcggc	aggccaacat	cctcctgggt	2460
gcctgcagcc	ttgactgctt	gcaccagag	aagcacgaag	acgtcattgc	acgagaattg	2520
atagagaaga	tgattgcat	ggatcctcag	aaacgcccc	cagcgaacga	cgtgctcaaa	2580
caccggttct	tctggagcct	agagaagcag	ctccagttct	tccaggacgt	gagcgacaga	2640
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ttcaggacct	ataaaggtgg	ttctgtcaga	gatctcctcc	gagccatgag	aaataagaag	2820
caccactacc	gggagctgcc	tgcagaggtg	cgggagacgc	tggggaccct	ccccgacgac	2880
ttcgtgtgct	acttcacgtc	tcgcttcccc	cacctcctcg	cacacaccta	cggggccatg	2940
gagctgtgca	gccacgagag	actcttccag	ccctactact	tccacgagcc	cccagagccc	3000
cagccccag	tgactccaga	cgccctctga	gcgaggggcg	cccctctgtt	ctggtggccc	3060
cagctgtgac	tgagggcctg	gtcaccacaa	ttagagcttg	atgcctcccg	gctttgcagg	3120
gagaccaggc	ttcccaaacc	aagtgccttg	agctgcctgc	tctgcagccc	acagaggaca	3180
gtgctgaccc	caggaagtgg	gagaagtggc	ccctcgtgac	ctacagggaa	ctgggaagat	3240
gctggcccca	aaagccttac	ggtcatgatg	tctgcaaagg	agggcctcag	agacagcgcg	3300
agtagacccc	ccagccatct	actggataaa	cttgcttcag	acttttttaa	ttcctgctta	3360
atgtcagtct	acaggccttt	caggaaggga	gaggagggaa	tcgtacattt	tgttgcgtg	3420
ctgggacagc	taggtgaga	tgcaccaagt	acagccttca	ctggagaccg	gaattgagag	3480
gtgggggatg	ctgaggagg	ggaggacgga	gttcagagg	tgtcgtcctg	cagtatgaga	3540
tttctcattg	atcacagatg	tgcccagagt	agcccaggtc	actgttaact	agtgtttctg	3600
cagaggcagc	aggagccagc	ccggaattc				3629

<210> 8161
 <211> 920
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (276)...(752)
 <223> similar to gi5817244 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8161

tttcgtgccg	cgggctctgt	agctgagtgg	tggctgggta	tggaggcgaa	ggcggcaccc	60
aagccagctg	caagcggcgc	gtgctcgggtg	tcggcagagg	agaccgaaaa	gtggatggag	120
gaggcgatgc	acatgatact	atgctatgca	cagtgttttc	atgtgggcca	tggtataagc	180
cccacagaag	ccctatcagc	catgagtgga	agcttcctga	ggccctcact	ggaagcagat	240
gctgatacca	tacttcttgt	acagtctgga	gaactgccaa	agaagccctc	gaaaatactg	300
aagtccctgt	tggctgtctt	atgggtctaca	acaatgaagt	tgtagggaag	gggagaaatg	360
aagttaacca	aaccaaaaat	gctactcgac	atgcagaaat	ggtggccatc	gatcaggtcc	420
tcgattgggtg	tcgtcaaagt	ggcaagagtc	cctctgaagt	atttgaacac	actgtgttgt	480
atgtcactgt	ggagccgtgc	attatgtgtg	cagctgctct	ccgcctgatg	aaaatcccgc	540
tggttgtata	tggctgtcag	aatgaacgat	ttggtgggtg	tggctctgtt	ctaaatattg	600
cctctgctga	cctaccaaac	actgggagac	catttcagtg	tatccctgga	tatcgggctg	660
aggaagcagt	ggaaatgtta	aagaccttct	acaaacaaga	aaatccaaat	gcaccaaaaat	720
cgaaagttcg	gaaaaaggaa	tgtcagcaga	tcttgaacat	gttctgatga	aagaaccaag	780
tgacccaaag	tgacctggac	aagattcata	gactgaaagc	tggtgacatc	gttgaatcat	840
atgttttatat	attgttttta	atctgcagga	aaatggggtc	tctcatcatt	tgctctgtaa	900
gggaacaaaa	tagcactttt					920

<210> 8162
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (743)...(369)
 <223> similar to gi3876766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8162

tttttttttt	ttcacagcca	catatatgtt	tattctgcga	gtccgtgtcc	cacagtctga	60
gactcttctt	ccccctccct	tcccgecccg	tgaagtggcc	cggggccgag	ccccgcctcc	120
atcttggctc	agccaattcc	caccagttt	ccaggagtct	catttgcatt	tccgggagca	180
gctgtccaat	gggaaggcag	caccctgccc	ccccccacaa	gggggcggca	ctcctgggtg	240

atcgccaccac	tcttgggatc	cagggatggg	gggaacgggc	ttccactgag	gtccgggtga	300
caggagggtg	gtcttccctc	aaggcagggg	tggagttcag	tggaggaggg	agttctggcc	360
ttggaagagg	cccagcagtc	cgctgtctgg	ggcgggctcc	ttgatgagtt	tctggatctc	420
cttgaactgg	gggtggacgg	catgccccac	aagctgcaga	atgagccctt	cgctgggtga	480
gaggaaggca	ccactctgtc	tcatgcgggc	cagagccacc	agccgggtcca	cctggctgcg	540
tgaggagcag	gcgtccacca	ccacatggac	ctgcagcccc	cggtctagga	ggtccagggt	600
cgtgttcttg	agcatgcggg	cagccactga	gacgatctgt	gggaagtagg	cgatgttgtg	660
gcggaacttc	tcttgcattg	cacacaggaa	caggacagag	gatcctggga	ggactcggcc	720
caggctgggc	ctggcagccg	ccattttccg	gaaggtgccg	ggttcgagcc	cggaacggcc	780
cctctgcagg	tgaggcgggg	gcacctcac	ctctcggcgc	tcggacggcc	accgctgagg	840
cctcttgcgg	gcttcccagg					860

<210> 8163

<211> 4670

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(1054)

<223> similar to gi4589544 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8163

tttcgtctgg	aaccacgcg	gaggaaggaa	gagacgcagg	caggctgcgg	ttacccaagc	60
ggccaccgcg	gcctcaggga	ccccctcccc	gagagacggc	accatgaccc	agggaaagct	120
ctcgtggct	aacaaggccc	ctgggaccga	ggggcagcag	cagggtgcatg	gcgagaagaa	180
ggaggctcca	gcagtgcctt	cagccccacc	ctcctatgag	gaagccacct	ctggggaggg	240
gatgaaggca	ggggccttcc	ccccagcccc	cacagcggtg	cctctccacc	ctagctgggc	300
ctatgtggac	cccagcagca	gctccagcta	tgacaacggg	ttccccaccg	gagaccatga	360
gctcttcacc	actttcagct	gggatgacca	gaaagtctgt	cgagtctttg	tcagaaaggt	420
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ctgtgaccct	gtcaaggact	atgtccaggc	caaccacggc	tggtactggg	catcatatgc	540
tgtgttcttt	gcaacctacc	tgacctggc	ttgctgttct	ggaccagga	ggcatttccc	600
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cctctcagtc	accgtcttca	gcttccagac	caagtctgac	ttcacctcct	gccagggcgt	780
gctcttcgtg	cttctcatga	ctcttttctt	cagcggactc	atcctggcca	tcctcctacc	840
cttccaatat	gtgccctggc	tccatgcagt	ttatgcagca	ctgggagcgg	gtgtattttac	900
attgttctctg	gcacttgaca	cccagttgct	gatgggtaac	cgacgccact	cgctgagccc	960
tgaggagtat	atttttggag	ccctcaacat	ttacctagac	atcatctata	tcttcacctt	1020
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gagaccacgg	aagcccgcca	gagccctgag	ccccactgca	attcctccta	gggctgcaca	1440
atcatgtggc	cttagggcac	actgtcctgc	atccagtctg	tgtcctcctg	tctttctcat	1500
ccaggctcagg	cattgacact	ttgtaagaaa	gggggtaggg	gacacagctg	ggcagggtga	1560

gtgggtgggc	aggatggctg	tcccagtctg	cccatcttct	cttggctctg	ggaccagcgg	1620
cttgttctag	ggatttggac	ctggaggcca	agggcaatag	gagaggtct	gaagcctgtg	1680
ccgtctgctg	cttgctgtga	atggccctcc	cgggtcatga	cagagctctt	ttggggcagg	1740
aggtgagggc	agggggcccc	gctccttgg	aagggcctgc	cctggggctc	ccagggaagt	1800
gggagctggg	gagccaatcc	acccagaccc	gcgtccacct	gggaggcatt	tggggttgca	1860
ggaccgagac	ccacatcctc	tactcactt	ctccaccgc	caggcagctg	ccacaggcct	1920
aaggctgagt	gaggtgtgat	tgggccctcc	ggctggatgt	tctgggggag	gaggcaatcg	1980
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gaggctgtgt	gggagtcctt	tctgcacctc	ttatttcccta	aaccttctct	gtcagctgct	2100
gtttgtctgg	tcgtccccag	ccaggcctcc	tgaggtcttc	atagttggca	cagtcacat	2160
ctcttctagc	ttcactggcc	actcactcag	cctagagtcc	ctaagtgtc	cccacttat	2220
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ccagctggtc	ccatgtaatg	aggccagggc	tccttatcag	cttccaggcg	gctgggatct	2340
caggcaggg	gtgctcagc	cctccaacct	ccagaggggc	gcctgtgggg	agggaaaccag	2400
gaggccacac	tgggggagcg	tgcagccagc	atgtgcagt	gccaactcca	ggccagtggga	2460
aagttactgt	gtggatacag	gaaggctctg	agtggatagc	aggacctcc	cttggcttcg	2520
ccctctctct	ctctctcccc	tgtgctggga	gctccgtctg	ccttggaag	ggagacgagg	2580
tgtgctgttc	cttcccagcc	ccatccctcc	ccaccttcc	tactcccagc	tttcaagaaa	2640
cattgcagaa	gcatttgaag	ttttgttcca	tcttgatat	ttgaagagaa	aaggagccaa	2700
gaactggcgg	gtggtgtgtg	tgcagcaaag	gcattggggg	cacgggggag	atgccactg	2760
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cgtagcagag	ggaaaagccg	aggtgctcag	aaaggctcgg	taatgagtcc	caggtcatac	2880
ggctagcag	tggcgggcct	ggggttcaga	cccacagctg	cctcaagcaa	acagggtatc	2940
acgcttgccc	ctgggcctgg	gtgggggccc	gaatgagacc	acatgagagc	gcagagaggt	3000
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tctcatcagc	caccgtgttt	ttcttttgcc	gaacgatggt	tgcatctctc	ggacacagt	4440
tacccctcc	caagccctcc	ctgagccgtt	ctcctgagtc	cctgagggca	gacacagctc	4500
cagggaccca	ggccagctgc	cacacccccc	acactcctgc	tgccactgg	ccttagctcc	4560
tgcaagttcc	ccagtgtccg	cacctgttcc	cttccctgac	ctcaccttcc	tggggctgt	4620
gactgactgg	agataaaaaat	aaaagcaatt	gtgacacctg	aaaaaaaaa		4670

```

<210> 8164
<211> 2624
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (340)...(1443)
<223> similar to gi3036840 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8164
cgccctctccc aaagtctagc cgggcagggg aacgcgggtgc attcctgacc ggcacctggc      60
gaggctcatg cgtcccgtga gggcggttcc tcgagcctgg gggcgctcag attgctttgg      120
agacgctgag agaacctttg cgagagcgcc ggttgacgtg cggagtgcgg ggctccgggg      180
gactgagcag cacgagaccc catcctcccc tccgggtttt cactctgggc gaagggagga      240
ctcctgagct ctgcctcttc cagtaacatt gaggattact gtgttttgtg agagctcgct      300
aggcgcccta agcaacagag ttctgagaaa tcgagaaaca tgataaggaa ttggctgact      360
atTTTTatcc tttttccctt gaagctcgta gagaaatgtg agtcaagcgt cagcctcact      420
gttccctctg tcgtaaagct ggagaacggc agctcgacca acgtcagcct caccctgcgg      480
ccaccattaa atgcaaccct ggtgatcact tttgaaatca catttcgttc caaaaatatt      540
actatccttg agtccccga tgaagttgtg gtgcctcctg gagtgacaaa ctctcttttt      600
caagtgcacat ctcaaaatgt tggacaactt actgtttatc tacatggaaa tctctccaat      660
cagaccggcc cgaggatacg ctttcttgtg atccgcagca gcgccattag catcataaac      720
caggtgattg gctggatcta ctttgtggcc tgggtccatct ccttctaccc tcaggtgatc      780
atgaattgga ggcggaaaag tgtcattggt ctgagcttcg acttcgtggc tctgaacctg      840
acgggcttcg tggcctacag tgtattcaac atcggcctcc tctgggtgcc ctacatcaag      900
gagcagtttc tcctcaaata cccaacgga gtgaaccccg tgaacagcaa cgacgtcttc      960
ttcagcctgc acgcggttgt cctcacgtg atcatcatcg tgcagtgtg cctgtatgag      1020
cgcggtggcc agcgcgtgtc ctggcctgcc atcggtctcc tgggtgctgc gtggctcttc      1080
gcatttgtca ccatgatcgt ggctgcagtg ggagtgatca cgtggctgca gtttctcttc      1140
tgcttctcct acatcaagct cgcagtcacg ctggtcaagt attttccaca ggctacatg      1200
aacttttact acaaaagcac tgagggtgg agcattggca acgtgctcct ggacttcacc      1260
gggggcagct tcagcctcct gcagatgttc ctccagtcct acaacaacga ccagtggacg      1320
ctgatcttcg gagacccaac caagtttgga ctcggggtct tctccatcgt cttcgacgtc      1380
gtcttcttca tccagcactt ctgtttgtac agaaagagac cggggtatga ccagctgaac      1440
tagcacccag ggacccagtg taccagcct ctggcctcgt gccctgctgg ggaaggcctc      1500
acccagcgaa ggccggagaa gcggttgggc cctggcacac agggctggct cagtgtgcgg      1560
acagaggaga ccactctgct cctggggcca gaggccattc aatagcctgc ctctgtccgg      1620
gcccctcctg ggcctccccg gccaggcacg tggcacctgc gccttgacac cgccatctct      1680
tttctttaag gcttcaggca gcgcgcacag gctctggcag ccgtctcagg caggactggg      1740
cagcaagctt gcagccgaag gccttgcccc aaactaccag cgtttctgca agcagcttga      1800
agggtgacc ttgcagccgg gtgagccaag ggcactttgc tgccaccgct gcattcccag      1860
agatcaagca gccgggtgcc gtggccagtg aactcagagg tgctggtgga cgggctagga      1920
ctttgggggt aggccatggg gctctttctc tgaaggccac tttcctgacg tactctctgt      1980
acataactca gcgtccgtga ctgcagtaac agccagccct acccagagta tttctgagcc      2040
atgaggggcc caccagattg gttctgaatt ggattcatgc ccagcgcatc agcatagtaa      2100
ctcctttcag attttttggg gggacgtttg gaagtggctt actctctctt gccctctctc      2160
ctacctccac cttctcagat gagccccatc tgagcacatc cagctgctcc ttaccagca      2220
tctggagtac aggacatagc tctctcctgc taccagtctg tgcccttagag gtctgttagg      2280
cctgccaaac ggcgaccagc tcccctggag cgagggcagg ccccttccct ctctttcccc      2340
agacacctac ttgagactca ccaatttctg gcctgttcag gacgctcaga taagtatttg      2400
tacttgagac cacctcacac aatctgtatg gggcccaacc ctgatctcaa acctccttcc      2460
ctctgcctga agctgtcgtc ctctctatgg caggaggggg ggggggggtcc caggacgtgc      2520

```



```
cctcatacat gacttgagct tggcagtcct ctgagtttcc ttttatgaga tcaacgcgag 2580
gggcctgggt tttgaattaa agccccctcg cttcaaaaaa aaaa 2624
```

```
<210> 8165
<211> 1544
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1545)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (301)...(1296)
<223> similar to gi3256005 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8165
cacgcgtccg ttttaattaag catggaatac agaaaacaac aaaaaactta agctttaatt 60
tcatctggaa ttccacagag acaaggccac tttatgtttc ccaggctgga ctggaacccc 120
tgggctcaaa tgatcctcct acctaagcct gcagagtagc gaggacttca gttttcttag 180
ctccctggac ccggttgacc tgttggtctt tcccgtggc tgctctatca cgtgggtgctc 240
tccgactact caccctcagc gttaaagaacc ttcggctcgc gtgcttctga gctgctgtgg 300
atggcctcgg ctctctggac tgccttccg agtaggatgt cactgagatc cctcaaattg 360
agcctcctgc tgctgtcact cctgagtttc tttgtgatgt ggtacctcag ccttccccac 420
tacaatgtga tagaacgcgt gaactggatg tacttctatg agtatgagcc gatttacaga 480
caagactttc acttcacact tcgagagcat tcaaactgct ctcatacaaa tccatttctg 540
gtcattctgg tgacctcca cccttcagat gtgaaagcca ggcaggccat tagagttact 600
tggggtgaaa aaaagtcttg gtggggatat gaggttctta catttttctt attaggccaa 660
gaggctgaaa aggaagacaa aatgttggca ttgtccttag aggatgaaca ccttctttat 720
ggtgacataa tccgacaaga ttttttagac acatataata acctgacctt gaaaaccatt 780
atggcattca ggtgggtaac tgagttttgc cccaatgcca agtacgtaat gaagacagac 840
actgatgttt tcatcaatac tggcaattta gtgaagtatc ttttaaacct aaaccactca 900
gagaagtttt tcacaggtta tcctctaatt gataattatt cctatagagg attttaccaa 960
aaaaccata tttcttacca ggagtatcct ttcaagggtg tccctccata ctgcagtggg 1020
ttgggttata taatgtccag agatttggtg ccaaggatct atgaaatgat gggtcacgta 1080
aaacccatca agtttgaaga tgtttatgtc gggatctgtt tgaatttatt aaaagtgaac 1140
attcatattc cagaagacac aaatcttttc tttctatata gaatccattt ggatgtctgt 1200
caactgagac gtgtgattgc agcccatggc ttttctcca aggagatcat cacttttttg 1260
caggatcatg taaggaacac cacatgccat tattaacttc acattctaca aaaagcctag 1320
aaggacagga tactttgttg aaagtgttaa ataaagttag tactgtggaa aattcatggg 1380
gaggtcagtg tgctggctta cactggaactg aaactcatga aaaaccaga ctggagactg 1440
gagggttaca cttgtgattt attagtcagg cccttcaaag atgatatgtg gaggaattaa 1500
atataaagga attggagggt tttgctaaag aaattntata gggg 1544
```

```

<210> 8166
<211> 7086
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (484)...(7087)
<223> similar to gi4128033 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8166
tttcgtgtga gtggggccgg gaccgcgaga gccgagccga cctttctctc ccgggctgcg      60
gcagggcagg gcggggagct ccgcgcacca acagagccgg ttctcagggc gctttgctcc      120
ttgttttttc cccggttctg ttttctcccc ttctccggaa ggcttgtcaa ggggtaggag      180
aaagagacgc aaacacaaaa gtggaaaaca gttaatgacc agccacggcg tccctgctgt      240
gagctctggc cgctgccttc cagggctccc gagccacacg ctgggggtgc tggctgaggg      300
aacatggctt gttggcctca gctgaggttg ctgctgtgga agaacctcac tttcagaaga      360
agacaaacat gtcagctgct gctggaagtg gcctggcctc tatttatctt cctgatcctg      420
atctctgttc ggctgagcta cccacctat gaacaacatg aatgccattt tccaaataaa      480
gccatgccct ctgcaggaac acttccttgg gttcagggga ttatctgtaa tgccaacaac      540
ccctgttttc gttaccgcac tcttggggag gctcccggag ttgttgga aa ctttaacaaa      600
tccattgtgg ctgcctgtt ctcatatgct cggaggcttc tttatacag ccagaaagac      660
accagcatga aggacatgcg caaagtctct agaacattac agcagatcaa gaaatccagc      720
tcaaacttga agcttcaaga tttcctgggt gacaatgaaa ccttctctgg gttcctgtat      780
cacaacctct ctctcccaa gtctactgtg gacaagatgc tgagggtga tgtcattctc      840
cacaaggtat ttttgcaagg ctaccagtta catttgacaa gtctgtgcaa tggatcaaaa      900
tcagaagaga tgattcaact tggtgaccaa gaagtttctg agctttgtgg cctaccaagg      960
gagaaactgg ctgcagcaga gcgagtactt cgttccaaca tggacatcct gaagccaatc     1020
ctgagaacac taaactctac atctcccttc ccgagcaagg agctggccga agccacaaaa     1080
acattgctgc atagtcttgg gactctggcc caggagctgt tcagcatgag aagctggagt     1140
gacatgcgac aggaggtgat gtttctgacc aatgtgaaca gctccagctc ctccacccaa     1200
atctaccagg ctgtgtctcg tattgtctgc gggcatcccg agggaggggg gctgaagatc     1260
aagtctctca actggtatga ggacaacaac tacaaagccc tctttggagg caatggcact     1320
gaggaagatg ctgaaacctt ctatgacaac tctacaactc cttactgcaa tgatttgatg     1380
aagaatttgg agtctagtcc tctttccgcg attatctgga aagctctgaa gccgctgctc     1440
gttgggaaga tcctgtatac acctgacact ccagccacaa ggcaggtcat ggctgaggtg     1500
aacaagacct tccaggaact ggctgtgttc catgatctgg aaggcatgtg ggaggaactc     1560
agccccaaga tctggacctt catggagaac agccaagaaa tggaccttgt ccgcatgctg     1620
ttggacagca gggacaatga ccacttttgg gaacagcagt tggatggctt agattggaca     1680
gccaagaca tcgtggcggt tttggccaag caccagagg atgtccagtc cagtaatggt     1740
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cgcttcatgg agtgtgtcaa cctgaacaag ctagaaccca tagcaacaga agtctggctc     1860
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atcctctggt ttagctggtt cattagtagc ctcatctctc ttcttgtgag cgctggcctg     2400
ctagtgggtca tcctgaagtt aggaaacctg ctgcctaca gtgatcccg cgtggtgttt     2460

```

gtcttccctgt	ccgtggttgc	tgtggtgaca	atcctgcagt	gcttcctgat	tagcacactc	2520
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cctgtaaagt	caaagctatc	tcctctgaat	gatgaagatg	aagatgtgag	gcgggaaaga	6000
cagagaattc	ttgatggtgg	aggccagaat	gacatcttag	aatcaagga	gttgacgaag	6060
atatatagaa	ggaagcggaa	gcctgctggt	gacaggattt	gcgtgggcat	tcctcctggt	6120
gagtgccttg	ggctcctggg	agttaatggg	gctggaaaat	catcaacttt	caagatgtta	6180
acaggagata	ccactgttac	cagaggagat	gctttcctta	acagaaatag	tatcttatca	6240
aacatccatg	aagtacatca	gaacatgggc	tactgccctc	agtttgatgc	catcacagag	6300
ctgttgactg	ggagagaaca	cgtggagttc	tttgcccttt	tgagaggagt	cccagagaaa	6360
gaagttggca	aggttggtga	gtgggcgatt	cggaaactgg	gcctcgtgaa	gtatggagaa	6420
aaatatgctg	gtaactatag	tggaggcaac	aaacgcaagc	tctctacagc	catggctttg	6480
atcggcgggc	ctcctgtggt	gtttctggat	gaaccaccca	caggcatgga	tcccaaagcc	6540
cggcggttct	tgtggaattg	tgccctaagt	gttgtcaagg	aggggagatc	agtagtgctt	6600
acatctcata	gtatggaaga	atgtgaagct	ctttgcacta	ggatggcaat	catggccaat	6660
ggaaggttca	ggtgccttgg	cagtgtccag	catctaaaaa	ataggtttgg	agatggttat	6720
acaatagtgt	tacgaatagc	agggtccaac	cgggacctga	agcctgtcca	ggatttcttt	6780
ggacttgcac	ttcctggaag	tgttccaaaa	gagaaacacc	ggaacatgct	acaataccag	6840
cttccatctt	cattatcttc	tctggccagg	atattcagca	tcctctccca	gagcaaaaag	6900
cgactccaca	tagaagacta	ctctgtttct	cagacaacac	ttgaccaagt	atgtgtgaac	6960
tttgccaagg	accaaagtga	tgatgaccac	ttaaaagacc	tctcattaca	caaaaaccag	7020
acagtagtgg	acgttgacgt	tctcacatct	tttctacagg	atgagaaagt	gaaagaaagc	7080
tatgta						7086

<210> 8167

<211> 1883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (396)...(1718)

<223> similar to gi431321 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8167

tttcgtctca	cgctgtaat	cccagcgctt	tgggaggctg	aggctgacag	atcatctgag	60
gtcaggagtt	caagaccagc	ctggccaaca	tgctgaaaac	ctgtctctac	taaaaatgca	120
aaatttagcc	aggcgtggtg	gtgggtgcct	gtaatctcag	ctactccgga	ggctgagaca	180
ggagaatggc	ctggacccag	gaggcggaag	ttgcagtaag	ccgagatcgt	gtcacttcac	240
tccagcctgg	acaacagagt	gagactctgt	ctcgaaaaaa	aaaaaggaca	aaatgctgta	300
ggattccact	gatatgacgt	acctggagtc	agcagagcca	cagagacaga	tggtaaaatg	360
cccgcagggc	cccggacccc	ggcttccagg	agcgcttctt	ccagcagcgt	ctggaccact	420
tcaacttcga	gcgcttcggc	aacaagacct	tccctcagcg	cttctctggtg	tccgacaggt	480
tctgggtccg	gggcgagggg	cccatcttct	tctacactgg	gaacgagggc	gacgtgtggg	540
ccttcgccaa	caactcgggc	ttcgtcgcgg	agctggcggc	cgagcggggg	gctctactgg	600
tcttcgcgga	gcaccgctac	tacgggaagt	cgctgccgtt	cggtgcgcag	tccacgcagc	660
gcgggcacac	ggagctgctg	acggtggagc	aggccctggc	cgacttcgca	gagctgctcc	720
gcgcgctacg	acgcgacctc	ggggcccagg	atgccccgcg	catcgccctc	ggtggaagtt	780
atgggggggat	gctcagtgcc	tacctgagga	tgaagtatcc	ccacctgggtg	gcggggggcgc	840
tggcggccag	cgcgcccgtt	ctagctgtgg	caggcctcgg	cgactccaac	cagttcttcc	900
gggacgtcac	ggcggacttt	gagggccaga	gtcccaaagt	caccaggggt	gtgcgggaag	960

cgttccgaca	gatcaaggac	ttgttcctac	agggagccta	cgacacggtc	cgctgggagt	1020
tcggcacctg	ccagccgctg	tcagacgaga	aggacctgac	ccagctcttc	atgttcgccc	1080
ggaatgcctt	caccgtgctg	gccatgatgg	actaccctta	ccccactgac	ttcctgggtc	1140
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tcacggggct	gcgagcactg	gcagggctgg	tctacaacgc	ctcgggctcc	gagcactgct	1260
acgacatcta	ccggctctac	cacagctgtg	ctgaccccac	tggtgcggc	accggccccg	1320
acgccagggc	ctgggactac	caggcctgca	ccgagatcaa	cctgaccttc	gccagcaaca	1380
atgtgaccga	tatgttcccc	gacctgccct	tcactgacga	gctccgccag	cggtactgcc	1440
tggacacctg	gggcgtgtgg	ccccggcccc	actggctgct	gaccagcttc	tgggggggtg	1500
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accacctcga	cctcagagcc	tcccaccag	aagatcctgc	ttcctgtggt	gaggcgcgga	1680
agctggaggc	caccatcatc	ggcgagtggg	taaaggcagc	caggcgtgag	cagcagccag	1740
ctctgcgtgg	ggggcccaga	ctcagcctct	gagcacagga	ctggaggggt	ctcaaggctc	1800
ctcatggagt	gggggcttca	ctcaagcagc	tggcggcaga	gggaaggggc	tgaataaacg	1860
cctggaggcc	tggaaaaaaaa	aaa				1883

<210> 8168

<211> 1144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (103)...(653)

<223> similar to gi35863 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8168

agctgaggaa	ggggaagaga	agtccagccg	ccaagtccag	ccttccccgg	cgcgagagccc	60
cgacggggcc	gcggcaggcg	cggcgagagc	gctgacggag	ccatgagaga	gtacaaagtg	120
gtggtgctgg	gctcgggcgg	cgtgggcaag	tccgcgctca	ccgtgcagtt	cgtgacgggc	180
tccttcatcg	agaagtacga	cccgaccatc	gaagactttt	accgcaagga	gattgaggtg	240
gactcgtcgc	cgtcggtgct	ggagatcctg	gatacggcgg	gcaccgagca	gttcgcgtcc	300
atgcgggacc	tgtacatcaa	gaacggccag	ggcttcatcc	tggtctacag	cctcgtcaac	360
cagcagagct	tccaggacat	caagcccag	cgggaccaga	tcattccgct	gaagcggtag	420
gagcgcgtgc	ccatgatcct	ggtgggcaac	aaggtggacc	tggagggtag	gcgcgaggtc	480
tcgtacgggg	agggcaaggc	cctggctgag	gagtggagct	gccccttcat	ggagacgtcg	540
gccccaaaca	aagcctcggg	agacgagcta	tttgccgaga	tcgtgcggca	gatgaactac	600
gcggcgagc	ccaacggcga	tgagggctgc	tgctcggcct	gcgtgaccc	ctgaggcggc	660
caccgcgcgc	cggccgcgct	ctgcgcacaa	aagccaaacg	catccgactc	tctaaatgtg	720
atctatttct	tgctttgaga	ttggagacca	ctttgcattg	gccaggggtg	cttgggagcc	780
cggctggcct	ccgcggccgg	cgtcccctgc	ctccaccctg	tgcccagagg	ggtgtccggt	840
cctgcccac	cgatactctg	gtggaaatgt	ggctctttgc	agcatgtacg	tttctccctg	900
atcttgggtg	atgcatattt	ccccgtttta	gtagccgtta	gggcgcagta	tcggcagctt	960
gacaccacc	aagcaaaagt	ttcagcctgg	aaaaaaaaatg	ggggggaagg	gtggatgaaa	1020
aggagggaga	gaaggtggaa	atggtttttt	tttttctttt	ttccatttcc	cttccttttg	1080
ttttttttct	ttttgggtca	tcccgcgttt	ttttgcgccc	cagtcttgaa	accgtgtggg	1140
gggc						1144

<210> 8169
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (525)...(104)
 <223> similar to gi2494140 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8169

tttttgattt	ccatgctatt	taatcaagta	atttacaatg	tacacattcc	tgagtataca	60
ccattgtggt	gatataaatt	attttggaat	tttctccatt	cagcttaaaa	ggtgtttctt	120
cccaagaaac	tgaacttttc	tgtcaaagtc	acttgatcga	ataggagaat	tggtgttcata	180
aaatggattc	attgaaaatt	ttatatataa	atcataaaca	tcagtaaaga	agttctttat	240
tccatcttct	tgtcttatgt	catgaagcat	aataaacctc	atatgccccg	cggtgacaaa	300
tgctgacaca	aaccactcgt	tgaacttgtc	cacagttttc	aagtacatgt	tgttcgacag	360
ccacatgttc	tcatctacga	ggtcgagagc	agcatgagct	atgaactggt	tcagatgacg	420
atggtcgtct	ttggattctg	ccttcccagc	tggcaaaaac	tccatttcaa	aaactggatt	480
atcatgggtga	ccaacaatta	caaagtagaa	gcttccagac	atggtcttca	atatatggct	540
cctcgggttc	ctcggcgggg	actccgcaag	tccagccagg	gaagagaggg	gcgggggcga	600
caaagcgcaag	acaaggacac	cgccgtcccc	agtccttgtc	agctgagctt	ctgccactgt	660
cagttgtgcc	tgtgtcacta	ccgcctctgc	gtacaaggaa	ccaagccgct	tctcgcgctt	720
ttccgctccg	tcacttcggt	gacgtcatag	agcgccaaag	gccggaacta	gtgaaaacac	780
cagagaaaat						790

<210> 8170
 <211> 1783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1705)...(270)
 <223> similar to gi5114351 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8170

tccctgggtg	gtaggtatgg	atthagaaat	cggtccactc	agaacgcagg	ggctttcaaa	60
agtttcctct	aggaagcatc	tgtcagtata	ccctcttaat	gtttgacagt	tctaatcaca	120
attatatatta	gaatttgaga	aacccccctg	tgtgtctaat	ggctgccagc	gtgatgccag	180
agaaccctgg	caggtggcct	gcagtaagca	gaaggcccac	accttctgca	gagccaggag	240

cagtgeccga	gtcccccggt	ctgtgtctat	cctttcaccc	acatgggtcac	tgtggagatg	300
accatctgac	cagacttcgg	agcccccagg	cagaagaaag	gctgcagggg	gcctgggaag	360
gtggcctggg	agtaggtgtg	caggtgggac	ccatcgctta	cactgtagaa	ggacacttcc	420
ccggcttcga	agtccaggaa	gatgcccattg	tggctgggag	gtcccatcag	catgaccggg	480
gttagggcag	agaaggtgga	taagtacttg	gtccccttgg	acagctgcac	cacccagaag	540
ccgttttcgg	ggcacttggg	gacctgtct	ttccggctca	cgttgtccct	gcacacaccc	600
agggcccaca	acgcgtcccc	ggtgatgttc	atgccacact	cccagtagtg	cctcccagag	660
gagaaggccg	tctggcccac	agcacagggg	taagccacaa	atcggtcctt	gctgcagaac	720
ccactgccct	ccggcgaaga	gccgaggtag	cgcctctggc	ggctctcata	caggaggagg	780
taggggtacg	cggaggtggc	atcaggcacc	acatcctcta	gaaagcctct	tagcacttca	840
atctgtccgg	gaactctgca	cacagtcctg	ggtctggttg	ggggggcaac	ctctgggcac	900
tgcacactca	cgttgttctt	cctgctcagg	ggttccttca	tgtcctgcag	catctggagg	960
ggcccctgtg	tgctccgctc	ctccagctgc	agcagcagca	gctccagaga	gtgaccctgc	1020
cggtcagggc	aggccacgct	ctcccggagc	ctgctggcag	tctcctcttc	ttccgtctcc	1080
agagcctgga	ggagcctctg	ctcttcttcc	accaggtaga	ggttcattct	ctcaaactcc	1140
agcacaatgc	gttctctccg	ctccttcacc	ttgccctgcc	actcggttaa	gctctgctcc	1200
tccttgccct	gcagattccc	tgtcctgggt	atctgctccc	gaaggtaact	catgtcctcc	1260
tccagcttca	acttgtaccc	ctgcaactgc	tcctcgggcg	gcagcacctc	gtgcagccgg	1320
tgctcccggg	actccctgca	caccacacag	atggggctct	ggtccttctg	gcagaaaagc	1380
ttgaggggct	cgtgggtgct	ctggcacagg	tcttgcttct	gcagaccagg	atgctgctgc	1440
gccatctcgg	ccaccttggt	cagcagccgg	ttgggcagca	ggttcctctg	cggggacatc	1500
tctctgcact	cggggcaggg	gaaggagccc	ttccgcttcc	gcctcccctt	cttgcccctc	1560
gccttttccc	agctcagctg	gatgcaggct	cggcagaagt	tgtggccaca	ggtgggtcatc	1620
acagggtctg	tgaagtaatc	cagacagatg	gagcacgtag	cttcctcctg	cagttttctg	1680
gcgagttcca	cagcctccat	ggctcctggg	agacacgagg	caggttcccc	cttgagggac	1740
tcttggtgaa	gcgcgctagc	ccctccaggg	acgcggcacg	aaa		1783

<210> 8171

<211> 1331

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (347)...(472)

<223> similar to gil296429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8171

tttcgtgcc	gggagccgca	ggcaagggac	taaggggagg	ggggctcagt	gccagctgct	60
taaaaatgcc	cctgtggcag	cgaggggcac	cagaggctgg	gtctaattag	ttgagaagca	120
gtgacacccc	caaccactcc	ccaaacaggc	tggctcccgt	ctccaggccc	caaggagcca	180
cacctggacc	agaccccagg	aaaggcaagg	gcgctagctg	gtgggagcca	ccccgccatg	240
ctgatgtcag	agaagcaaga	actctggaga	agcagcctcc	tgggaccaga	ggagggccag	300
cagcaggcag	cccggagaca	gaactctcac	ccacgcctct	ccaagcctcc	caacagaaga	360
cagagggtccc	ccacagccag	agacatttcc	tgaagacatg	gggaacacag	aggcagaaac	420
agcccatcca	cccaggagct	gtccccca	ctgccgggag	ccggcaccca	gagccgccag	480
gtaaaactga	ggccacctgg	ttcaacatca	cctttcacag	aaggggaagc	agccacagaa	540
agaagggcct	cgttaagaag	tggaacctgg	gacccccaa	cgggtgtctct	catcctgact	600
ggggatccag	agtaggaggg	agcctttggt	ggggtaagtg	gaatggggcg	gggtgggggg	660

tggccataga	cccctcttct	cagtaaggcc	ctcatgtgaa	ggaggcaggg	gttgggacaa	720
gtgctaagta	tgcaagactc	aagggaagag	ctgctggagc	caggaaaagc	acctccctcc	780
cggccctct	gcccctcctc	atagcccagc	tgcactgact	cctcctccag	gaagccttct	840
cagcttcccc	aggggtggga	acctttttgt	cctccagggtg	tgcttggctg	tcctttcttg	900
ggctctctct	ctctctctct	cctcatecca	cttgagtctg	ccccctattc	accttgtgag	960
gggaattttc	cttctactca	atctgaccga	ggtcctccag	gtcaaggaca	gcgaggctct	1020
cagtcccact	tccccttggc	acatagaaga	ggcagtgcgc	tgaagggaca	ggtgaaatga	1080
ttagaccctg	cccccaaacc	aaggcctggc	caattggaca	gggcatgaga	cattcagcgt	1140
agaggttaaa	acgagggccc	tgggttagga	accccagctc	agttctcagc	tctgtaccct	1200
tggaaaattc	ccttcccatg	gagctttgtg	gatgcacaag	gacttgcaca	aagaaaacat	1260
tcaatatcca	ggactataaa	attccacaaa	tgattgtgct	tattacattc	attatcacga	1320
tgattattcc	a					1331

<210> 8172

<211> 1612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (145)...(1124)

<223> similar to gi4836936 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8172

gatttcgtgg	gcagctgttc	ccactggctc	tgctgacctt	gtgccttgga	cggctgtcct	60
cagcgagggg	ccgtgcaccc	gctcctgagc	agcgccatgg	gcctgctggc	cttcctgaag	120
acccagttcg	tgctgcacct	gctggctggc	tttgtcttcg	tggtagtggtg	tctggctatc	180
aacttcgtcc	agctgtgcac	gctggcgctc	tggccgggtca	gcaagcagct	ctaccgccgc	240
ctcaactgcc	gcctcgccta	ctcactctgg	agccaactgg	tcagtctgct	ggagtgggtg	300
tcctgcacgg	agtgtacact	gttcacggac	caggccacgg	tagagcgctt	tgggaaggag	360
cacgcagtca	tcctcctcaa	ccacaacttc	gagatcgact	tcctctgtgg	gtggaccatg	420
tgtgagcgct	tcggagtgtc	ggggagctcc	aaggctcctc	ctaagaagga	gctgctctac	480
gtgcccctca	tcggctggac	gtggtacttt	ctggagattg	tgttctgcaa	gcggaagtgg	540
gaggaggacc	gggacaccgt	ggtcgaaggg	ctgaggcgcc	tgtcggacta	ccccgagtac	600
atgtggtttc	tcctgtactg	cgaggggacg	cgcttcacgg	agaccaagca	ccgcgttagc	660
atggaggttg	cggctgctaa	ggggcttcct	gtcctcaagt	accacctgct	gccgcggacc	720
aagggtttca	ccaccgcagt	caagtgcctc	cgggggacag	tcgcagctgt	ctatgatgta	780
accctgaact	tcagaggaaa	caagaaccgc	tccttgctgg	ggatcctcta	cgggaagaag	840
tacgaggcgg	acatgtgcgt	gaggagattt	cctctggaag	acatcccgtc	ggatgaaaag	900
gaagcagctc	agtggcttca	taaactgtac	caggagaagg	acgcgtccca	ggagatatat	960
aatcagaagg	gcatgtttcc	aggggagcag	tttaagcctg	cccggaggcc	gtggaccctc	1020
ctgaacttcc	tgtcctgggc	caccattctc	ctgtctcccc	tcttcagttt	tgtcttgggc	1080
gtctttgcca	gcggatcacc	tctcctgata	ctgactttct	tggggtttgt	gggagcaggt	1140
aatggacact	gtcgctaaca	gtcacactc	tgacgggcct	cacagtatca	gccacagggg	1200
ccgggacctg	gtgactcatc	acagtggctg	tgggaggcag	gggcctggct	gttatggacc	1260
ctggagccag	gatcccccca	cggcctgcgg	gcctaagagc	ccaaaagcag	acaggggggc	1320
tggggaccct	ctcggggacc	ctctcgctcg	cctcctcaag	ggcgccagcc	agtggggctg	1380
cagtggggat	ggcgccaggt	ggcgccgctt	cggctctctg	gggaggcgac	cctcagctca	1440
gtgcaagaat	ccaggctctg	aagcccgcag	gccgtggggg	gatcctggct	ccagggtcca	1500

taacagccag	gcccctgcct	cccacagcca	ctgtgatgag	tcaccaggtc	cgggaccctg	1560
tggctgatac	tgtgaggacc	gtcagagtgt	gagctgttag	cgacagtgtc	ca	1612

<210> 8173

<211> 2701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2362)...(1425)

<223> similar to gi3252824 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8173

tttttttttt	ttaaaagtgt	ttatTTTTtg	caataaagag	cacaacataa	tctccttcat	60
gcgtcatcgt	gccacttagc	tgagccagcc	agctctgcct	ccctcccca	agaccttgg	120
accccagttc	ccctctacag	gctagctcat	ccctctgggt	ggtcattccc	cgggtcacgt	180
tgagagcgag	gctgactgca	ccacctccct	agctcaaggg	ctccttggg	aggggccg	240
tgctttatca	tctcctgcc	acaactcaaa	tagtgggtat	ttacaagaag	gtctgttccc	300
acaaatcagg	accctaaagt	attaaaaaac	aaaacccaaa	aaacaacaaa	aaacccca	360
caacaaaaag	tttgacgtga	atagaaagat	agcccttctg	catggtagtc	aacaaatacc	420
agcactagaa	aatcaattgc	tttaattgca	ttgcagcagg	gagcctcagc	accatgtggg	480
gaggaggaaa	tgggaaggtc	ttggtttcag	agtgcctttg	gctggccaga	gggtggccaa	540
acagggcaag	ggggctccct	ctgcttgggc	attgtccacc	cctggtcagt	gagagggggg	600
cagcaggggt	gctccccacg	gcagtcctgc	tgcgcccttc	cctcctggcc	tattcctggg	660
gcaggaacaa	gctccagcct	tctccacat	ggctgaggta	atcagcacc	ctacccag	720
ggcatcttcc	cagcctacaa	agcaggaagg	agcctgtgca	gaagttacat	tttaaaacca	780
gattttcacc	tgaggcgctca	accagatgtc	acctctgctt	aaaactccaa	ctgcaaggct	840
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agaagccacc	tgctgttccg	gcccttgggc	tgtttgggaa	aagccagcag	tcagagtgcc	960
agcctcaagc	tctgattatc	cccctcctgt	ggccctggta	gttcaagcag	gtcctggcag	1020
caggaggggt	gtgccatgga	ggatggacac	gactgcactc	atactcaaaa	acagccttga	1080
ccgtggcctg	gtcatgggat	taaaaaat	gtgtgtattg	gtggggaagg	atggggtgag	1140
ggtgagggga	tctcattgat	acagagtatg	tcataagcca	tatatattaa	aatcattaac	1200
agtatatagt	cccacggtag	ctccaacccc	tcacacatgc	tcaggtgggtg	tggccagccc	1260
tttgccctcag	tccagcctca	tccttggggg	caaggagggg	gcagcttgct	ccctttctcc	1320
aggctcttgg	ccgacagccc	cctgaggctg	tccacgggtac	actgcagcca	gccccgcagc	1380
aggcagcccc	cagcagtcac	cgggtgctgc	cagcactgtg	gtcactggga	tggggtcttg	1440
gcctcactgc	tgtccccctg	gctgggcttt	ggcttttagca	ggatgaatct	gttgaggagg	1500
tctgtttccg	agctggcctg	ggctgcccc	taccctcac	cagcatagct	ggaggcttcg	1560
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ggtgtgcagg	gatacagagta	atgttcctgtg	cccttgttca	gcagcctcac	gttcttctcc	1680
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tgggtgatct	gcagcttgca	ctcgccatac	acgtccaggt	tggggcaggg	cagcaggaag	1980
acattgaagc	gatctgtctg	ttcacactgc	acccctgggg	ccaggaggtc	aggttctccc	2040
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tctgcctcta	gctctgagtc	gcaggtgaag	gtacgtgccg	agtcatcagt	gaatatgatg	2160
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gtgcctgggt	ctccggctcc	tccaatcacc	tgttccagac	actctgtcgg	ggctgccgcg	2520
aggggctgct	cctcacctca	cccgcctcag	cattgttcta	gcagctcctt	cgccccgcgc	2580
ctgctggaaa	taaaaatgac	agggagatta	gagacagtga	catctttctc	ttcctctcgc	2640
tgtctcgctc	tcttttttcc	ttcctcttcc	cacactcctc	ctctccccct	cttccacgaa	2700
a						2701

```

<210> 8174
<211> 816
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (716)...(278)
<223> similar to gi5532294 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8174						
tttttttttt	ttgagagtga	caaaaagggt	tattcctgtg	cttctcgcag	cattaggcag	60
gggataaaac	ttggagagaa	gggccttggt	gtggaggtgg	agggactcct	gtgggcttca	120
ctctggtagg	aggagagcat	cagggcaggc	ctttaggctg	ttgctctggg	cagggggtgg	180
gggtgcgggg	gcttacagtg	ggggccctta	gttggcacag	gttcggaagg	gccccaggca	240
gacatgaatt	ctcctgagac	ttgaggtagg	ttgcttcagc	cagcccgggc	ggagaagaag	300
ggcagagagc	gaacatagga	gtccagtcgg	gagcgaaaga	gtcactttg	cacagtttgg	360
cccagcgggc	acaggggatt	cttcaccacc	agctccacat	acagcgcact	gtagatgtgg	420
tgcagcacat	ctcggatggg	tcccacgccc	aagtcagtat	tcatgacaac	tttgatccca	480
gtgggcgtct	cgtagtaatg	gagtttgtaa	cggctagttt	ggaaggccag	gaagccatcc	540
ttcatgtcta	gcggggacat	cttgctgaca	aacgagcgga	tagagaagag	catcccgtac	600
atcagcttat	actcctcctc	cttggggaatc	cctgcttgct	tcttgcggtg	ccattcgctg	660
tagtgcagac	acactccatt	ccggtcaaac	aggtacaggt	tgtggacagt	catctgcagg	720
gcagggagtg	tgagcctcgc	tccggggccg	ccccactcc	ttgggctcgg	gttcccggac	780
ccacagcctt	ccaaccaggt	ggggacccca	cccacg			816

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<210> 8175
<211> 2262
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (174)...(1347)

<223> similar to gil857445 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8175

tttcgtgccc	tgcgccacgc	ttggcagaga	gggaagcggg	aggacacgac	cccagggcat	60
tgtgggaaca	ctggccaggc	tggactttgc	cttcctcctc	gtccttttagc	cgggagcctg	120
tctttgtctg	ccttttgctt	tgaggctctg	tggctgtggg	gctgagtggc	atcatggcgg	180
ctcagaaaga	tctctgggac	gccattgtga	ttggggcggg	gatccagggc	tgcttactctg	240
cataccacct	ggccaaacac	aggaagagga	tcctcctgct	ggagcagttc	tttctaccac	300
actcccagag	aagctcccat	ggacaaagcc	ggataatccg	aaaggcgtac	ctggaagact	360
tttacacccg	gatgatgcat	gagtgtctatc	agatatgggc	ccagctggag	cacgaggctg	420
gaacccaatt	gcacaggcag	actggattac	tgctgtctggg	aatgaaagag	aatcaagaat	480
taaagacaat	ccaggccaat	ctgtcgaggc	agagggtaga	acaccagtgt	ctttcatctg	540
aggaactgaa	gcaacgtttc	ccaaatattc	ggttgcccag	gggagaagtg	gggctcttgg	600
acaattccgg	aggagtattc	tatgcatata	aggccctcag	agccctgcag	gatgcaattc	660
gacagctagg	aggcatagtg	cgtgacggag	agaaggtggt	ggagataaac	ccagggctac	720
tggtcacggg	gaaaaccacc	tccaggagct	accaagctaa	gagcttggtc	atcacagcag	780
gtccttgga	caaccagctc	ctccgtcccc	tgggcattga	gatgcctctc	cagaccctgc	840
ggatcaacgt	gtgttactgg	cgagagatgg	ttcctgggag	ctatggtgtg	tcccaggcct	900
ttccgtgctt	cctgtggctg	ggcttgtgtc	cccaccacat	ctacggactg	cccacaggag	960
agtaccagg	gctgatgaag	gtcagctatc	accacggcaa	ccacgcagac	cctgaggagc	1020
gggactgccc	cacagcacgc	acagacatcg	gagacgtcca	gatcctgagc	agctttgtca	1080
gagatcactt	acctgatctg	aagcccagac	ctgctgtcat	tgagagctgc	atgtacacga	1140
ataccctga	tgagcagttc	attctcgatc	gccacccaaa	gtatgacaac	attgtcattg	1200
gtgctggatt	ctctgggcac	gggttcaagc	tggccctgt	gggtgggaag	atcctgtatg	1260
aattaagcat	gaaattaaca	ccatcttatg	acttggcacc	ttttcgaatc	agccgtttcc	1320
caagcctggg	caaagcccac	ctttgacctc	tggccagaag	cctcccttct	gtgcacagga	1380
gccagtttca	cagatggaga	agatgtctca	gatgaaggga	gtgtccctga	gatatcatcc	1440
ttttcttctg	cctcgctga	atccccata	aacaccagat	gattgagtct	accttctttc	1500
cttgccccgc	tccctttttc	ttctgcctca	cttgaatccc	ccgtaaacac	cagacgattg	1560
agtctacctt	cttttcttgg	ccacctcccc	attcacaact	actttctcgc	tcccagaagg	1620
ttgatcagat	attctacaat	cacagagtag	caaggacgtt	tgagatgggt	atatcagtaa	1680
gaagagggca	caagaactgg	ctctggagac	caaagcagtt	gttaaaaatt	ctctttgctg	1740
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gatcacctga	ggccagggaat	tcaagaccag	cctggccaac	atggtgaaac	cctatctcca	1860
ctaaaaatac	aaaattagct	gggtgtgggtg	gcgcatgcct	gtaatcccag	ctacttggga	1920
gactgaggca	agagaatcac	ttgaaccctg	gagggtggag	tggcagtga	ccgagattgc	1980
gccattgcac	tccagcctgg	gcaaaaagag	tgagactctg	tctcaaaaaa	aaaacaaaac	2040
aaaaaaaaacc	tctttgtctg	tatatattgaa	gagcttggga	tggatttgac	taaatctgcc	2100
ccgaggaggg	tgaacaagg	gatctcagag	atcactactg	ctcttggagt	tccttctcct	2160
aaagctaagg	ccagcctcca	tcacaaatgc	ccataaaatc	tggtcgtct	ttgatgaaca	2220
ataaatat	gttgaacaaa	taaataactg	ccctgcaaaa	aa		2262

<210> 8176

<211> 772

<212> DNA

<213> Homo sapiens

<220>

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<221> misc_feature
<222> (142)...(551)
<223> similar to gi1086497 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8176
tttcgtggcc gaacgcctat ctcgggcgga gagcgcggtt gtgccagta tcccatcccc      60
gcgacccccg cgcgctccgg agagaacagg actatgcccg gggctgggga cggaggcaaa     120
gccccggcga gatggctggg cactgggctt ttgggcctct tcctgctccc cgtaaccctg     180
tcgctggagg tgtctgtggg aaaggccacc gacatctacg ctgtcaatgg cacggagatc     240
ctgctgccct gcaccttctc cagctgcttt ggcttcgagg acctccactt ccggtggacc     300
tacaacagca gtgacgcatt caagattctc atagagggga ctgtgaagaa tgagaagtct     360
gacccaagg tgacgttgaa agacgatgac cgcacactc tggtaggctc tactaaggag     420
aagaggaaca acatttccat tgtgctgagg gacctggagt tcagcgacac gggcaaatac     480
acctgccatg tgaagaaccc caaggagaat aatctccagc accacgccac catctttctt     540
caagtcgttg atagacgtat gcagtggggg ctggcacagg gcagtggcgt ggggaaggact     600
tgggaggcac ccaactcagc atcacagtga aatggcaaaa tggaccgtgt tgggggtttc     660
ttttgcttta cactttccag agctgctgga gttacatcta aaagctagaa gagctcagct     720
tgaacactta ttctgtacc aaatagctta tgaataactc ttagcctctc tc              772

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```

<210> 8177
<211> 1038
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (164)...(575)
<223> similar to gi2970559 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8177
tttcgtgtgc gcgctctccg cctgatagga gttgtagttc tgccgggtgaa gctcggcggt      60
actatcaagc aaccaaactg caagctttgg gagttgttcg ctgtccctgc cctgctctgc     120
tagggagaga acgccagagg gaggcggctg gccccggcggc aggcctctcag aaccgctacc     180
ggcgatgcta ctgctgtggg tgtcgggtggc cgcagccttg gcgctggcgg tactggcccc     240
cggagcaggg gagcagaggc ggagagcagc caaagcgcgc aatgtgggtgc tggctcgtgag     300
cgactccttc gatggaaggt taacatttca tccaggaagt caggtagtga aacttccttt     360
tatcaacttt atgaagacac gtgggacttc ctttctgaat gcctacacaa actctccaat     420
ttgttgccca tcacgcgcag caatgtggag tggcctcttc actcacttaa cagaatcttg     480
gaataatttt aagggctctag atccaaatta tacaacatgg atggatgtca tggagaggca     540
tggtaccga acacagaaat ttgggaaact ggactatact tcaggacatc actccattag     600
gcacagtgaa cgtgggtcaa ctaatcaaag aagtgaaaaa gtttgagaaa gtaatcgtgt     660
ggaagcgtgg acaagagatg ttgctttctt actcagacaa gaaggcaggc cccatgggta     720
atcttatccg taacaggact aaagtcagag tgatggaaaag ggattggcag aatacagaca     780
aagcagtaaa ctgggttaaga aaggaagcaa ttaattacac tgaaccattt gttatttact     840
tgggattaaa ttaccacac ccttaccctt caccatcttc tggagaaaat tttggatctt     900

```

caacatttca	cacatctctt	tattggcttg	aaaaagtgtc	tcatgatgcc	atcaaaatcc	960
caaagtggtc	acctttgtca	gaaatgcacc	ctgtagatta	ttactcttct	tatacaaaaa	1020
actgcactgg	aagattta					1038

<210> 8178

<211> 1575

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (201)...(882)

<223> similar to gi4530587 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8178

tttcgtcccc	cgccccgact	ttgccatcgg	cggggcagtc	gcgggatgcg	cccgggagcc	60
acagcctgag	gccctcaggt	ctctgcaggt	gtcgtggagg	aacctagcac	ctgccatcct	120
cttccccaat	ttgccacttc	cagcagcttt	agcccatgag	gaggatgtga	ccgggactga	180
gtcaggagcc	ctctggaagc	atggagactg	tggtgattgt	tgccataggt	gtgctggcca	240
ccatctttct	ggcttcgttt	gcagccttgg	tgctggtttg	caggcagcgc	tactgccggc	300
cgcgagacct	gctgcagcgc	tatgattcta	agcccatgtt	ggacctcatt	ggtgccatgg	360
agaccagtc	tgagccctct	gagttagaac	tggaagatgc	cgttatcacc	aacccccaca	420
ttgaggccat	tctggagaat	gaagactgga	tcgaagatgc	ctcgggtctc	atgtccact	480
gcattgccat	cttgaagatt	tgtcacactc	tgacagagaa	gcttggtgcc	atgacaatgg	540
gctctggggc	caagatgaag	acttcagcca	gtgtcagcga	catcattgtg	gtggccaagc	600
ggatcagccc	caggggtggat	gatgttgtga	agtcgatgta	ccctccgttg	gacccccaac	660
tcctggacgc	acggacgact	gccctgctcc	tgtctgtcag	tcacctgggtg	ctggtgacaa	720
ggaatgcctg	ccatctgacg	ggaggcctgg	actggattga	ccagtctctg	tcggctgctg	780
aggagcattt	ggaagtcctt	cgagaagcag	ccctagcttc	tgagccagat	aaaggcctcc	840
caggccctga	aggcttcctg	caggagcagt	ctgcaattta	gtgcctacag	gccagcagct	900
agccatgaag	gcccctgccc	ccatccctgg	atggctcagc	ttagccttct	actttttcct	960
atagagttag	ttgtttctcca	cggctggaga	gttcagctgt	gtgtgcatag	taaagcagga	1020
gatccccgtc	agtttatgcc	tcttttgtag	ttgcaaactg	tggtggtgta	gtggcagctt	1080
aatactacag	ttaggggaga	tgccattcac	tctctgcaag	aggagtattg	aaaactgggtg	1140
gactgtcagc	tttatcttagc	tcacctagtg	ttttcaagaa	aattgagcca	ccgtctaaga	1200
aatcaagagg	tttcacatta	aaattagaat	ttctggcctc	tctcgatcgg	tcagaatgtg	1260
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aactacaaag	ttgatgattt	ctttttttatc	tttatgcctg	caattttacc	tagctaccac	1500
taggtggata	gtaaatttat	acttatgttt	caaaaaaaaa	tcatcaactt	tgtagttcct	1560
cagcttcagt	cgacg					1575

<210> 8179

<211> 805

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (234)...(637)
<223> similar to gi4406698 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8179

tttcgtggcc	ggtcggaccg	ccaaggcagc	cggcgctggc	gatgggaagc	ggcgtggccg	60
ccgacacagg	cagtggcaaa	gtttcccaga	cgtacacatc	tggacgcgcg	gctgccggct	120
accctgacc	cctctaggaa	gggttcaggg	atttttaatt	tggaaaaaaaa	tccacctggt	180
ttcctttgtc	aaggtctctc	cgggtggcca	gcggcaggag	ctgcaaactt	gggcacggcg	240
gctacaccgg	cagcggaccg	ggctttggag	aacctcggga	ctcaggtgct	gaggtgcccc	300
gcggctccgg	acgtgctacg	gggtgcgagc	gcgggggagc	tcggggcgca	cgacaaggaa	360
gggcccccg	gagctctata	tggaggaagg	agcccagaat	ggtgtgcacc	aggaagacca	420
aaactttggt	gtccacttgc	gtgatcctga	gcggcatgac	taacatcatc	tgctgtctct	480
acgtgggctg	ggtcaccaac	tacatcgcca	gcgtgtatgt	gcgggggcag	gagccggcgc	540
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aaggccggcg	cgtggccctg	aagcaattcc	agtactacgg	ctacaacgcc	tacctcagcg	780
accgctgccc	cctggaccgg	ccct				805

<210> 8180
<211> 3484
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (304)...(3395)
<223> similar to gi3559925 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8180

gacggaccgg	tctggaattc	tcgggtcgac	gatttcgtcc	ggaggtttcg	attagttgtc	60
tctgccgctg	gggaaggtaa	tgcggcgacg	gcgtccctcag	gagctgtggg	gtccccctgt	120
agaagtgggg	gactcggcgg	gggagtcatt	taatacttca	tgattagaac	aaatatgtga	180
aagttccac	caaccagtga	gaatttcttc	cttcagacgg	ttttggatct	tactgcacag	240
ctttctgaga	agttcttttg	gtgccatgtt	ttgtggcttg	catcaaaaga	ggagtttgtc	300
ttcatgaaga	ttcctaacat	tggtaatgtg	atgaataaat	ttgagatcct	tggggttgta	360
ggtgaaggag	cctatggagt	tgtacttaaa	tgcagacaca	aggaaacaca	tgaaattgtg	420
gcgatcaaga	aattcaagga	cagtgaagaa	aatgaagaag	tcaaagaaac	gccttttacga	480
gagcttaaaa	tgcttcggac	tctcaagcag	gaaaacattg	tggagttgaa	ggaagcattt	540
cgtcggaggg	gaaagttgta	cttgggtgtt	gagtatgttg	aaaaaaatat	gctcgaattg	600

ctggaagaaa	tgccaaatgg	agttccacct	gagaaagtaa	aaagctacat	ctatcagcta	660
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aatctcttaa	tcagccacaa	tgatgtccta	aaactgtgtg	actttggttt	tgctcgtaat	780
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ccagaactct	tacttggcgc	tccctatgga	aagtcctgtg	acatgtggtc	ggtgggctgt	900
attcttgggg	agcttagcga	tggacagcct	ttatttctctg	gagaaagtga	aattgaccaa	960
ctttttacta	ttcagaaggt	gctaggacca	cttccatctg	agcagatgaa	gcttttctac	1020
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agaagatacc	ttggaatttt	gaatagtgtt	ctacttgacc	taatgaagaa	tttactgaag	1140
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cagagacttc	tggatcggtc	tctttcaagg	tcagcaaaaa	gaaaacctta	ccatgtggaa	1260
agcagcacat	tgtctaatag	aaaccaagcc	ggcaaaagta	ctgctttgca	gtctcaccac	1320
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cacacaaaaa	cctaccaagc	aagcagccag	cctgggtcta	ccagcaaaga	tctcaccaac	1500
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actttgctca	gcccttctgg	aagaaataac	cgaaatgagg	gaacgctgga	ctcacgtcga	1980
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gcaagatctt	cgggtcaaaga	gacctccaga	gaaggcacct	cttcttcca	tacacgccag	2340
aagtcctgagg	tggtgagtgt	tcatgaccca	cactctgatg	atggcacagc	ccccaaagaa	2400
aatagacacc	tatacaatga	tctgttgcca	aggagagtgt	gtagctttta	cagagtggca	2460
tctccacgtc	cagacaattc	tttccatgaa	aataatgtgt	caactagagt	ttcttctcta	2520
ccatcagaga	gcagttctgg	aaccaaccac	tcaaaaagac	aaccagcatt	cgatccatgg	2580
aaaagtcttg	aaaatattag	tcattcagag	caactcaagg	aaaaagagaa	gcaaggattt	2640
ttcaggtcaa	tgaaaaagaa	aaagaagaaa	tctcaaacag	tacccaattc	cgacagccct	2700
gatcttctga	cgttgcagaa	atccattcat	tctgctagca	ctccaagcag	cagaccaaag	2760
gagtggcgcc	ccgagaagat	ctcagatctg	cagacccaaa	gccagccatt	aaaatcactg	2820
cgcaagttgt	tacatctctc	ttcggcctca	aatcaccogg	cttcttcaga	tccccgcttc	2880
cagcccttaa	cagctcaaca	aaccaaaaaat	tccttctcag	aaattcggat	tcaccccctg	2940
agccaggcct	ctggcgggag	cagcaacatc	cggcaggaac	ccgcaccgaa	gggcaggcca	3000
gccctccagc	tgccagacgg	tggatgtgat	ggcagaagac	agagacacca	ttctggaccc	3060
caagatagac	gcttcatgtt	aaggacgaca	gaacaacaag	gagaatactt	ctgctgtggt	3120
gacccaaaga	agcctcacac	tccgtgcgtc	ccaaaccgag	cccttcatcg	tccaatctcc	3180
agtcttgctc	cctatccagt	actccaggtc	cgaggcactt	ccatgtgccc	gacactccag	3240
gtccgaggca	ctgatgcttt	cagctgcccc	acccagcaat	ccgggttctc	tttcttcgtg	3300
agacacgtta	tgagggaagc	cctgattcac	agggcccagg	taaaccaagc	tgcgctcctg	3360
acataccatg	agaatgcggc	actgacgggc	aagtgaattc	tgcaagcctg	cggctggtcc	3420
caatgccttg	aatcacctct	ctcatggaag	aaccaattaa	caccaatgaa	tcaaccatta	3480
aaaa						3484

<210> 8181
 <211> 2089
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (59)...(1188)

<223> similar to gi563886 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8181

tttcgtatcc	ggtgcctcct	gcagcccgc	tgtctgggcag	ggccggcgcg	gcccggccat	60
ggagtcctac	gacatcatcg	ccaaccagcc	tgtgggtcatc	gacaacgggt	cggggggtgat	120
taaagctggc	tttgaggag	accagattcc	caaatactgt	ttcccaaact	atgtcgggcg	180
gccgaagcac	atgcgggtga	tggctggagc	cctggagggg	gacctcttca	tggaccaaa	240
agcagaggag	caccgggggc	tgtgaccat	ccgtacccc	atggagcacg	gcgtgggtgcg	300
agactggaac	gacatggaac	gcatctggca	gtacgtctac	tccaaggatc	agctgcagac	360
cttctcggag	gagcatcctg	tgtcctcac	ggaggccccg	ctcaaccgga	gtaagaaccg	420
ggagaaggcg	gcagaggtgt	tctttgagac	cttcaacgtg	ccggccctgt	tcatctccat	480
gcaggctgtg	ctcagtctgt	acgcaacagg	acgcacgaca	ggagtgggtc	tagactcagg	540
ggacggggtc	actcatgctg	tgcccatcta	tgagggtctt	gccatgcctc	actccatcat	600
gcgggtggac	attgccggcc	gcgacgtctc	ccgtacctc	cgactcctgc	tgcgcaagga	660
aggggttgac	ttccatacct	cggctgagtt	tgagggtgtc	cggacaatca	aagagcgagc	720
gtgctacctg	tccatcaacc	cacagaagga	tgaggctctg	gagacggaga	aggtgcagta	780
cacgttgcca	gacggcagca	cgcttgatgt	ggggcctgca	cgattccggg	cccccgagct	840
gctgttccag	ccggaccttg	tgggggatga	gagtgagggg	ctccatgagg	tgggtggcctt	900
cgccatacac	aagtccgaca	tggacctgcg	ccggacgctg	ttcgccaaca	tcgtgctctc	960
aggtggctca	acgcttttca	aaggcttcgg	agaccgatta	ctcagtgaag	tgaagaagct	1020
tgccccaaag	gatatcaaaa	tcaagatctc	agccccgcag	gaacggctgt	actccacatg	1080
gattggcggc	tccatcctgg	cctcgctgga	cacttttaag	aagatgtggg	tgtccaaaaa	1140
ggagtatgaa	gaggatggct	cccgtgctat	tcacgcgaaa	actttctagt	gccaaggag	1200
ggcggggcat	gttgggagag	ggggagggag	gggagacaga	gcctttaacc	ctttttggtc	1260
ttggctcgta	tactaggctt	agggctccct	gcatgccttg	aaccctggg	tgggtggcac	1320
agcagtgcc	ccctgcagcc	ttccctctta	cacaggacat	gcacacacaa	gtaacattga	1380
gctgcatgga	caggagcctt	gagctggcgt	gtgggaattg	agcgccatgt	caggctgttg	1440
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gcctccctga	gctccagggc	cagaatgcct	ggatgcctgg	gtagccagtt	tggggagtgg	1560
gctgcaaggg	gcagccagca	gctcccactg	gtgtgtcact	gcatccattg	ccacctcctg	1620
ttcgtgacct	gacaggggtga	cacagcccct	ttcacactct	gtcctcctat	cttccctgggt	1680
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cccagggtca	ggcccttcag	agccagggca	gaggacgcac	ggtggctaga	gccgctgcac	1800
tatccttttc	agagcacttc	atccacttgc	tcctccctct	accctcgga	ccctgggtgg	1860
gaaaggggtg	atgctcatca	tttattgagg	ggaagccact	taataaggag	tcagacctaa	1920
aaggggggtg	gggacatttt	cttacctcac	ccaagaaaga	ggtcgtcact	tttgctgtgg	1980
ccaggggccc	acctccctct	ctcagatatg	tacaataatt	taacacgggt	gcctgaaaaa	2040
aacttttgta	aatcattata	gtaataatta	tggacaagga	aaaaaaaaa		2089

<210> 8182

<211> 755

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (671)...(568)
 <223> similar to gi3098289 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8182
 tttcgtctcc cctgagcctg gcttcagcct ggcacagctc aacctcatct ggcagctgac 60
 agatacaaaa cagctgggtgc acagctttgc tgagggccag gaccagggca gcgcctatgc 120
 caaccgcacg gccctcttcc cggacctgct ggcacagggc aacgcatccc tgaggctgca 180
 gcgcgtgcgt gtggcggacg agggcagctt cacctgcttc gtgagcatcc gggatttcgg 240
 cagcgtgccc gtcagcctgc aggtggccgc tccctactcg aagcccagca tgacctgga 300
 gcccaacaag gacctgcggc caggggacac ggtgaccatc acgtgctcca gctaccaggg 360
 ctacctgag gctgaggtgt tctggcagga tgggcagggt gtgcccctga ctggcaacgt 420
 gaccacgtcg cagatggcca acgagcaggg cttgtttgat gtgcacagca tcctgcgggt 480
 ggtgctgggt gcaaattggc cctacagctg cctggtgcgc aaccccgctg tgcagcagga 540
 tgcgcacagc tctgtcacca tcacacccca gagaagcccc acaggagccg tggagggtcca 600
 ggtccctgag gacccggtgg tggccctagt gggcacccgat gccaccctgc gctgctcctt 660
 ctcccccgag cctggttca gcctggcaca gctcaacctc atctggcagc tgacagacac 720
 cagacagctg gtgcacagtt tcaccgaagg ccgcg 755

<210> 8183
 <211> 984
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (947)...(797)
 <223> similar to gi3928928 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8183
 ggggttttccc cctccccggt ttttaaaaac ccgccccggg aatttttttt ggggccccct 60
 aaaaaaaaaa ttttctttcc cccccccggg atttttaatt ttttctttt aaaggccccc 120
 cccttttttt ttttttgcac agaataagca atttattgca attgaattat ccaatgtggt 180
 tgactgaata taaatatttt tattacaaaa tattccaggt aaaaattcgg agctgcttac 240
 aagcttcttt agctttaagc tcattgcatt tcttcatgtc tagagcatgg gtgacgggct 300
 caggtgtgcc tggcctgccc cgcagggtcc tcttctccg tctgcagtgg gtccactca 360
 gtgaggacct ctgaggacac ctacgtgaac agatggtccc agtcccagcc gacatcatcc 420
 tgccaagaag ggtttcgtcc ccggaacttc tgcctcggcg cgagcacttt ggtgaggagt 480
 ttcaggtcga tctcccatc cagtgtctga atggtctgag acttcatgag gtcattgtcc 540
 aggtcacggt aggtcatcac ccgctttatc tggatgctgg gaggggctgc cacctgcaaa 600
 acaaagtctt ctctctgtac ttctccaga tccggaatga taggaatata tcctccataa 660
 tctgatccat tcaggctctg tggctctgagg cggaaatctt ctatttcttc agaagccttc 720
 ctctaaact tcgaagcctt cacggaatca cctgccagc ctccctgtcg gcagcgagggt 780
 aatttagcag aggaagtctc tccagtcaga gtcaaagagg aattcttgcc attgagggtga 840

ttctcggcct	gcgctgactc	ctgttgagct	cggcgaccca	tcttgccct	ggaggtagcc	900
aagctgtagc	gaagctcctc	gtccaagtcg	agcaaatacct	ccatctccgc	ggccgacgaa	960
atcgtcggcc	cggaattcc	gaca				984

<210> 8184

<211> 1344

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1220)...(332)

<223> similar to gi4139266 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8184	
tttttttttt	60
gtaatcatgg	120
catttctctc	180
aacaaaacaa	240
gtctcatgag	300
gcttagggaa	360
tccttgccgg	420
ttgctaacca	480
aggtcgcgag	540
aggttcacct	600
tcggcataac	660
acgataccgc	720
cccacgggtc	780
ttttccaggc	840
cccatagctg	900
tccatgacaa	960
cctgcagaca	1020
ttcaagacag	1080
ccctctacgg	1140
gctctgacca	1200
cgccgtgga	1260
gacgccgaga	1320
cgacgccggc	1344

<210> 8185

<211> 1708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (715)...(1397)
 <223> similar to gi4929649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8185

tttcgctcgcc	tccgctatct	gggtcaggac	gcgacggccg	cggcgcggga	ccttaggacc	60
cgcgggctcc	agggctactg	tccgtccgcc	actgcgcgcc	agcaggtoct	ggtctccgct	120
ctccaacagc	tgaaaggccg	gcgcagtga	cacagaaacg	aaaaccaaga	aatgccttat	180
tccacaaaca	aagagttgat	acttggcatc	atggtgggca	ctgctggaat	cagcttgctg	240
ctcttgtggt	accacaaggt	ccgtaaacca	gggatatcaa	tgaagttacc	tgaatttctt	300
tctctgggta	atacatttaa	ttcaataact	ttgcaagatg	aaatacatga	tgaccaagga	360
acaacagtaa	tctttcaaga	aaggcaactt	cagatactgg	agaagttaaa	cgaattactg	420
acaaatatgg	aagaactcaa	agaggaaatc	agatttctta	aagaagctat	tccaaagctg	480
gaggaatata	tacaagatga	acttggaggg	aaaataactg	ttcataagat	aagccctcag	540
cacagagcga	gaaaaagaag	actccccaca	attcaaagtt	cagcaacaag	taatagttca	600
gaggaagcag	aaagtgaagg	agggatatatt	acagctaata	ctgacacaga	agaacagagt	660
tttccagtc	ctaaggcatt	taacacacgt	gtagaggaat	taaatttaga	tgtccttctt	720
cagaaggtag	atcattttacg	tatgagtgag	tctggcaagt	cggagagttt	tgaactactt	780
cgtgaccaca	aagaaaagtt	tagagatgaa	atagagttta	tgtggcgatt	tgctcgtgct	840
tatggagaca	tgtatgaact	atctacaaac	acacaagaaa	agaaacatta	tgctaatatt	900
ggaaaaactt	taagtgaag	agctattaat	agagcaccca	tgaatggaca	ttgtcatctg	960
tggtatgcag	ttttgtgtgg	ctatgtatct	gagtttgagg	gtttacaaaa	caaatcaac	1020
tatgggcacc	tcttcaagga	acatctagat	atagcaatca	aacttttacc	agaggaaccc	1080
tttctatatt	acctcaaagg	gagatactgc	tatactgtct	caaaactgag	ctggattgag	1140
aaaaaaatgg	ctgctactct	gtttggaaaa	ataccatctt	caactgtaca	agaagcttta	1200
cacaatttcc	ttaaggctga	agaactatgc	cctggttatt	ctaattcccaa	ttacatgtac	1260
ttagcaaagt	gttatactga	tcttgaggaa	aaccagaatg	ctttgaagtt	ctgtaatttg	1320
gctttattgc	ttcctactgt	taccaaagag	gataaagagg	cacagaaaga	gatgcaaaaa	1380
ataatgactt	ccttgaagag	gtaaataaac	gaatttactc	ttcaacaaat	cagatgtggg	1440
ctacaaaaat	ttaaataaat	caaagttgtg	cttttattat	ccttcatttt	tgatgtaagg	1500
gtattgtgct	tagatttgaa	ggtaaagcca	tgtttctgca	gaatgcattc	cactagtagc	1560
actacaaaat	taattatgtt	atgttgagaa	tctatatact	ataatgtcaa	tacataatct	1620
ataaacatgt	atgctttata	tttttcttat	caataaaactg	cagccttaag	aatatttctt	1680
taaataaaat	atttaaattcc	aataaaaa				1708

<210> 8186
 <211> 1793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1556)...(1176)
 <223> similar to gi4191272 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8186
ttttttttatt ttttttttttc ttttaaaatg tgagtttttta acacttgaag gattttcattc 60
ttaactctca attatataat tacaaaaaaa atccaagttt caggaaaaca tacttaatcc 120
taacataaaaa ttcatgtcac ttatcacaaa gacagtcaag tgtataaagg agaaacaaaa 180
cagaagcagt atttacaagt ttaaaactaca tgagatgttg tgaacaatct tttgttaata 240
aacagcagct tacatacttt tacatactac atttcaaaaa tgcactctgtg aataatatga 300
taaagcgcat agtggtgaag acttttaatt aaatccaagg tcatcatgtt gaagacctga 360
aattaaattc aagggtgtag tgatgaaaaa tttaaagtca aggtcttagc gataaagact 420
ttaaattcaa agacagattg tctaaggaca aaccactagc gttcaagttg tttagtcaat 480
tagttctctg tgagtacaaa atattaggaa tcactaaatg gattagccta attacaaatt 540
ttgatcattt cttaaataact cacaactgca agaagtcttt tcacagaatg agtcacatag 600
tttctctcta tccttgtgca ggtattttta atcccttatt caaaacaggt tcctctcca 660
tttctagatt tttgtaagta taaaatattt taaaacaaag gtatgtccgt tccttagcta 720
gagaactatt ctccactga ctctggaag agaaaaaaa gattcccatt tcttctcta 780
cctcaaaaac acaaagcaa cccaaacaat ccaattccta atgtagtgtc acatagaacc 840
cagggcctga aacaatattt catgctagtt ttctgtctat atgcagagaa caatttagtt 900
atttacatta ttgagaaatc tatttaacag cctagaatca tcctagtgtc tccatcagca 960
gaaggcctgc taaaaaaggc gtgagcagcg gcgtctgcga atgggaacat caaagactct 1020
cctccgtctc tcctcttcac catcttcac tgattcatcc atatctgctg aatcatcatc 1080
ctcgtcttcc tcctcttcc cctcctctc ttcttccatc tcttcatatt catcaggacc 1140
catttccaat cgggctatag acaccctgaa tgttgacat gccatatgga atcggggaat 1200
ggcaacatta aagatcttgt ctttaaagta aagaaaatgg aaggataat atccttccat 1260
gtatcctgat gttgtagaga atgtggtaca gcttgtgtat tcatataccc gacctgggt 1320
gatgattgga aattcaccaa ctactccagg tccttgaact tcttccacgt cacccttagc 1380
atltgttatt ctccaatagc gactgtccaa ctgacaggcc ttctcaggaa gtgcatcttt 1440
tgacatttca atcctgattc ggtatgtgaa gaaatagtgg ggtggatgta cagagctaag 1500
ttctggcaga aacgatgtgg aaactgacac agtaatatcc ccagttgttg ctacacattc 1560
tggtacgtga acatatctga aaatttggtc tctgatgatg ggggaagccac ctgatacaac 1620
atltttgaca taagaggtaa accagtcagt aaaagtagca cctataataa acatgtcaat 1680
agcagctgga tttcgagcca tttggtctgg acattggtag aaaacttcat ttttgtttcg 1740
gccctctgca gcttccactg ctatgtactg actcaaacca gtatgtatgc aaa 1793

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<210> 8187

<211> 2342

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (90)...(1415)

<223> similar to gill154950 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8187
gcggccgcgt ctgggggtggc tctcatccc tcaatgccat ggtctacgtc cgggggacag 60
ccgaggacta cgagcgctgg cagcgccagg gcgccgcgg ctgggactac gcgcactgcc 120
tgccctactt ccgcaaggcg cagggccacg agctgggcgc cagccggtac cggggcgccg 180
atggcccgtc gcgggtgtcc cggggcaaga ccaaccacc gctgactgc gcattcctgg 240
aggccacgca gcaggccggc taccgctca ccgaggacat gaatggcttc cagcaggagg 300
gcttcggctg gatggacatg accatccatg aaggcaaacy gtggagcgca gcctgtgcct 360

```

acctgcaccc	agcactgagc	cgcaccaacc	tcaaggccga	ggccgagacg	cttgtgagca	420
gggtgctatt	tgagggcacc	cgtgcagtgg	gcgtggagta	tgtcaagaat	ggccagagcc	480
acagggctta	tgccagcaag	gaggtgattc	tgagtggagg	tgccatcaac	tctccacagc	540
tgctcatgct	ctctggcatc	gggaatgctg	atgacctcaa	gaaactgggc	atccctgtgg	600
tgtgccacct	acctgggggt	ggccagaacc	tgcaagacca	cctggagatc	tacattcagc	660
aggcatgcac	ccgccctatc	accctccatt	cagcacagaa	gcccctgcgg	aaggtctgca	720
ttgggtctgga	gtggctctgg	aaattcacag	gggaggggagc	cactgcccac	ctggaaacag	780
gtggggttcac	ccgcagccag	cctgggggtcc	cccaccgga	catccagttc	catttcctgc	840
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accaccctgt	gatccagccc	aactacttgt	caacagaaac	tgatattgag	gatttcctgc	1020
tgtgtgtgaa	gctcaccaga	gaaatttttg	cacaggaagc	cctggctccg	ttccgaggga	1080
aagagctcca	gccaggaagc	cacattcagt	cagataaaga	gatagatgcc	tttgtgcggg	1140
caaaagccga	cagcgcctac	caccctcgt	gcacctgtaa	gatgggccag	ccctccgac	1200
ccactgccgt	ggtggatccg	cagacaaggg	tcctcggggg	ggaaaacctc	agggtcgtcg	1260
atgcctccat	catgcctagc	atggtcagcg	gcaacctgaa	cgccccaca	atcatgatcg	1320
cagagaaggc	agctgacatt	atcaaggggc	agcctgcact	ctgggacaaa	gatgtccctg	1380
tctacaagcc	caggacgctg	gccaccagc	gctaagacag	ttgctgctgg	aggatgacca	1440
gggaagcccc	ctgataagcc	aagagggcca	gcacagccct	tgctcccagg	ctcctgcctg	1500
aaactatcta	gcacactagg	acccagggtg	taccctactc	agtggctgag	aattggataa	1560
agtcttggga	aatgagacaa	gtactgggca	gtgaatccag	ctccttttcc	ccagcctttc	1620
cctgtggggc	atttggggaa	ggccagcatt	cagcctgaga	tgttcctccc	tgccctctgg	1680
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attctctaac	ccagggcagt	ggttccttcc	caggccatgc	acagaggctg	ggtgcctgcc	1800
agaccacgg	agggttcgcg	aaggaagggg	catcctcctt	cttgagctgc	aagcttttagc	1860
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gtgtccctgt	tgagagggga	aagttgcctg	ctggttgaaa	aactggcttt	tcctttctcg	1980
ctgcctaatt	tcactctcag	agtgaggcag	gtaactgggg	ctccactggg	tcactctgag	2040
agggttgtgg	ctctggttct	tattaaacca	gggcagggtg	cagggtcac	acctgtaac	2100
ccagcacttt	gggaaggcca	cttgagctca	ggagttcaag	accagcctgg	gcaacatagt	2160
gagaccttgt	ctctggaaaa	caattagctg	ggcatgggtg	tacacacctg	tagtccagc	2220
tacttgggag	gctgaggcgg	gaggatggct	ttagcccagg	agggttaggc	tcctgtgaac	2280
cctgatggca	ccactgcact	ccagcctggg	tgacagggtg	agaccctgtc	tcaaaaaaaaa	2340
aa						2342

<210> 8188

<211> 1346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (428)...(1057)

<223> similar to gi4586109 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8188

gcggccgctg	cgactccgga	gccggcgggg	ggctccggtc	cttccctgcg	ccaccgcaca	60
ggacatctct	ctggctgggg	agcggcggtg	agaccgcgg	agggcgctctg	tgccctcct	120
cccccgcggt	cctcggtgcg	tccgcacgcc	cctcctctc	ggctccctcc	ttcttctctc	180

cgcgccctctc	cgccccctcc	ccgtctccgc	aggccgagtg	gtgcggcccg	cctccagctg	240
accggcctgg	aatcccggct	ccgagccccc	gactcgcgtc	cgcccgcgcg	cccgtccctt	300
ccccctcccc	cgcccccgag	ccccccgacg	ccgcccgcac	cgtctcctca	gagcggtgcc	360
cgggcccagc	cgccgccacc	gctgcccgcg	ccgagctccg	ccgccgccga	gcaccatggg	420
agacgctggg	agcagagcga	gcaaagcgcc	cagcctgccg	cctcgctgtc	cctgcggctt	480
ctgggggtcc	agcaagacta	tgaatctctg	ttccaaatgc	tttgctgatt	ttcaaaagaa	540
acagccagac	gatgattccg	ctccaagtac	aagtaacagc	caatcagatt	tgttttccga	600
agagaccacc	agtgacaaca	acaatacctc	gataaccacg	ccaactctta	gtcccagcca	660
gcagccgctt	ccgacagaac	tgaatgtaac	ttcacccgag	aaagaggagt	gtggggccatg	720
cacagacaca	gctcatgtct	cattaatcac	accaacaaaa	agatcctgtg	gtacagattc	780
acagtctgag	aatgaggctt	caccagtaaa	acggccacga	ctacttgaga	atacggaaacg	840
gtccgaggaa	accagtcgat	ctaaacagaa	gagtcgacgt	cgggtgcttcc	agtgccaaac	900
caaactggag	ctggtgcagc	aggaattggg	atcgtgtcgc	tgcggttatg	tgttctgtat	960
gttacatcgc	ctccccgagc	agcacgactg	cacattcgac	cacatggggc	gtggccggga	1020
ggaagccatc	atgaaaatgg	tgaagctgga	ccggaaagtg	gggcgctcct	gccagcgcac	1080
cggggagggg	tgctcctgaa	ggccaggcat	ggccaccacg	tgacgctggt	cttagttcac	1140
taatgttagc	cttatttagg	acaaagtcag	ccagacacct	tgtactgggc	acgcgtcaga	1200
ctgcagccag	tccgtttcct	ttcttttagc	agccatcctg	gtactgtagt	ttaggggttg	1260
atgggtggtg	aaattgattt	ctggctgggt	actaagggtg	ctgctagcca	ttgtataaaa	1320
ttaaaacatg	aagaataaaa	aaaaaa				1346

<210> 8189

<211> 1554

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(934)

<223> similar to gi3191964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8189

ctcctctcga	gcgtccctcag	cgcagccgcc	gcccgcggag	ccagcacgaa	cgagcccagc	60
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aaggaggcca	ccaaggaggt	gcacaccagc	gcagagaatg	ctgagttcat	gaggaacttt	180
cagaagggcc	aggtgaccgc	agacggcttc	aagctggtga	tgccctccct	gtaccacatc	240
tatgtggccc	tggaggagga	gattgagcgc	aacaaggaga	gcccagtctt	cgccccctgtc	300
tacttcccag	aagagctgca	ccgcaaggct	gccctggagc	aggacctggc	cttctggtac	360
gggccccgct	ggcaggaggt	catccccctac	acaccagcca	tgacgcgcta	tgtgaagcgg	420
ctccacgagg	tggggcgcac	agagccccgag	ctgctggtgg	cccacgccta	caccgcctac	480
ctgggtgacc	tgtctggggg	ccaggtgctc	aaaaagattg	cccagaaagc	cctggacctg	540
cccagctctg	gcgagggcct	ggccttcttc	accttcccc	acattgccag	tgccaccaag	600
ttcaagcagc	tctaccgctc	ccgcatgaac	tccctggaga	tgactccgcg	agtcaggcag	660
aggggtgatg	aagaggccaa	gactgcgttc	ctgctcaaca	tccagctctt	tgaggagttg	720
caggagctgc	tgacccatga	caccaaggac	cagagcccct	cacgggcacc	agggcttcgc	780
cagcgggcca	gcaacaaagt	gcaagattct	gcccccgctg	agactcccag	agggaaagccc	840
ccactcaaca	cccgtctcca	ggctccgctt	ctccgatggg	tccttacact	cagctttctg	900
gtggcgacag	ttgctgtagg	gctttatgcc	atgtgaatgc	aggcatgctg	gctcccaggg	960
ccatgaactt	tgtccgggtg	aaggccttct	ttctagagag	ggaattctct	tggctggctt	1020

ccttaccgtg	ggcactgaag	gctttcaggg	cctccagccc	tctcactgtg	tccctctctc	1080
tggaaaggag	gaaggagcct	atggcatctt	ccccaacgaa	aagcacatcc	aggcaatggc	1140
ctaaacttca	gagggggcga	agggatcagc	cctgcccttc	agcatectca	gttcctgcag	1200
cagagcctgg	aagacaccct	aatgtggcag	ctgtctcaaa	cctccaaaag	ccctgagttt	1260
caagtatcct	tgttgacacg	gccatgacca	ctttccccgt	gggccatggc	aattttttaca	1320
caaacctgaa	aagatgttgt	gtcttgtgtt	tttgtcttat	ttttgttgga	gccactctgt	1380
tcctggctca	gcctcaaatg	cagtattttt	gttgtgttct	gttgttttta	tagcaggggt	1440
ggggtggttt	ttgagccatg	cgtgggtggg	gagggaggtg	tttaacggca	ctgtggcctt	1500
ggtctaactt	ttgtgtgaaa	taataaacia	cattgtctga	tagtaaaaaa	aaaa	1554

<210> 8190

<211> 1519

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(721)

<223> similar to gi5788109 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8190

aggagcgcaa	aatggcgga	ccgccgagcc	ccgtgcactg	tgctcgtgcc	gcggccccc	60
ccgccaccgt	ctcggagaaa	gaaccgtttg	gcaagctgca	actctcctcc	cgggaccctc	120
cgggttctct	gtccgccaa	aaggtccgga	ctgaggagaa	gaaggcaccg	cggagagtga	180
acggagaagg	gggcagcggc	gggaacagca	ggcagctgca	gccgccggca	gcaccttcgc	240
ctcagagcta	tggcagcccc	gcgtcttgga	gctttgcccc	tctgtctgct	gtcctctccc	300
cgtcctcttc	tcggagcagt	ttctctttct	ccgtcggcac	ggccgttccc	tcctcagcct	360
ccgtctcctt	gtctcagccg	gggccgcgca	aactgctggg	ccctcctacg	ctgctgcacg	420
ctcagcctca	ccatctcctc	ctgcccgcgc	ccgccgcgcg	tgccctcggt	aacgccaaagt	480
cgcgagacc	taaggagaag	cgggagaagg	agaggaggag	gcacggctct	ggtggggccc	540
gagaggccgg	cggggcctcc	cgggaggaga	acggggaggt	gaagccgctg	ccccgagata	600
aaatcaaaga	caaaatttaa	gagagagaca	aagaaaaaga	aagagaaaaa	aagaaacata	660
aagtaatgaa	tgagatcaag	aaagagaatg	gagaagttaa	gattttgctg	aaaagtggga	720
aggagaaacc	aaaaacaaat	atagaagact	tacaaattaa	aaaggtaaag	aagaaaaaga	780
aaaagaaa	caaagagaat	gaaaaacgga	agcgtccgaa	aatgtatagc	aatctatttc	840
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ttccagagaa	cagtgaagtt	ccatttgtct	cattaaagga	gccacgagtt	cagaataacc	1020
tcaaaaggtt	ggacactttg	gaatttaa	aactcattca	tatagagcac	cagcctaagt	1080
gaggtgcac	ggttatccat	tgctacagt	aacgaactct	cccacctgtc	tcctatggg	1140
gatgggagag	gtttgcagaa	gagtttgtgg	ggtctaggtg	ttcagtga	atgaaaactc	1200
tggcagcttt	cctacgtgat	ggggtattgt	tccatggggc	agctacttat	ttacctgac	1260
tttttagact	atttttcatt	taattttccc	caattcaccc	agtgaatg	gagatattgg	1320
gaaagaaa	tatagagaca	acgactatgt	ccaattttca	tgctcagagt	ctcactgtac	1380
tccagcctgg	acgacagagt	gagactccat	ctcaaaaaa	aagaaagaaa	ttcatgataa	1440
tgctatcctc	taggtgggaa	ggagaaacca	aaaacaaata	tagaagactt	acaaatttaa	1500
aaggtaaaca	aaaaaataa					1519

<210> 8191
 <211> 3826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (173)...(1224)
 <223> similar to gi3550283 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8191

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tccgcggggc	gttgtccgga	gagctgcgag	gccgggggttc	ccaggggttca	cgccacactc	120
taggaagtgc	ctgagctagt	gagctggcca	acgagctccg	cgggctggga	ccatgggctg	180
cttcttctcc	aagagacgga	aggctgacaa	ggagtcgcgg	cccgagaacg	aggaggagcg	240
gccaaagcag	tacagctggg	atcagcgcga	gaaggttgat	ccaaaagact	acatgttcag	300
tggactgaag	gatgaaacag	taggtcgctt	acctgggacg	gtagcaggac	aacagtttct	360
cattcaagac	tgtgagaact	gtaacatcta	tatttttgat	cactctgcta	cagttaccat	420
tgatgactgt	actaactgca	taatttttct	gggacccgtg	aaaggcagcg	tgtttttccg	480
gaattgcaga	gattgcaagt	gcacattagc	ctgccaaaca	tttcgtgtgc	gagattgtag	540
aaagctggaa	gtctttttgt	gttggtccac	tcaaccctac	attgagtctt	cctcaaatat	600
caaatttgga	tgttttcaat	ggtactatcc	tgaattagct	ttccagttca	aagatgcagg	660
gctaagtatc	ttcgacaata	catggagtaa	cattcatgac	tttacacctg	tgtcaggaga	720
actcaactgg	agccttcttc	cagaagatgc	tgtggttcag	gactatgttc	ctatacctac	780
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atcccggggt	cagagacaga	agagcagcga	tgaatcatgc	ttagtgggat	tatttgctgg	900
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cctagtccag	acaaaggaag	tgtccatgaa	agctgaggat	gctcaaaggg	tttttcggga	1020
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tggggatggt	gctgtagaag	tatgtcaact	tattgtaaac	gagatattca	atgggaccaa	1140
gatgtttgta	tctgaaagca	aggagacggc	atctggagat	gtagacagct	tctacaactt	1200
tgctgatata	cagatgggaa	tatgaagtgc	aatgtggaac	caggacttgg	tattaagcct	1260
ttcccaactt	gtgaatatag	aatttgataa	tacacttttg	tgtattagca	atgggtttta	1320
ctaagtctaa	aactttttaa	gtttattttt	taataaattg	ttgagtatta	catcatttac	1380
ttgaggttca	aaaataattc	attttaaatt	aagtagtttt	aatcagctta	aaagctattt	1440
aaccattttt	aataagcttg	cagttttggt	tctctgcata	tgatattctt	attagaaaac	1500
agaagtagct	aaaagtttat	tattttaatc	ctattttaaa	gttctttcaa	atctctaata	1560
atttaaactt	tcctcagtgc	tccatgatac	tttttttgag	actccatata	attgcttatt	1620
ttaccctttt	caattaagag	ggatttggtt	ctagtcgata	aattagaatg	aacctatgca	1680
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gagattttgt	acatggagtt	gacataatac	tttgtaaatt	gaatttttta	aagaaatagg	1800
catttgataa	ccagcttggc	aagtaactct	actaacagat	gttggtatag	ctatttaaag	1860
actacttcgt	aagtagtatg	attatttgaa	taaattacac	attgtttagt	tttttaatac	1920
aactgctata	tgactcttct	gcttcctgat	aagaaaaggt	atatgcaatg	ctaaaactgt	1980
agaagcccaa	tcaccagcag	tttttaaaaa	ggtgataact	tttattagct	cttggtgggt	2040
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ctatgcagat	tattaaaaag	cttgatacat	ttgatttttc	attagatatg	ccattcatat	2160
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ggcactgaat	ctgccatcca	catcacatat	agcagctatt	atgaaatcag	ctttcatagg	2460
cctatTTTTA	aaaggaatct	gaaatttaaat	tctatTTTTga	taaaactaag	actgaaaata	2520
accacttgta	aacattccta	tgattgttac	taaaatgtat	tttcatgttt	aaaatgtttt	2580
tggatatttt	tgggttaata	actactacat	tgaattgcat	gttaaggtgc	agaaataata	2640
cattaaaaga	ttttcacttt	aaattaatta	gtaatattga	gcgctcacc	tgtgcgtggc	2700
cttgtgctaa	ccattagcac	tgcatcattt	caattctttt	ataagggcat	tcaatactac	2760
aaaatcaaca	tgatttcata	aggtgcaaat	aaaagttggt	gacagattta	atataatttt	2820
gatacaatt	tacaaatgat	ctttgcaaat	agtggtcaga	cggcattagt	ttttccctta	2880
gttaagctaa	attaaagga	ctccatcctg	ttatgattat	attattatta	ttattattat	2940
tatttttgag	gtggagtttc	actcttggtg	cccaagctgg	agtgcaatgg	cgcgatctcg	3000
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gctgggaata	caggcatgcg	ccactacacc	tggctaattt	ttgtattttt	agttgagatg	3120
gggtttttcc	acgttggtca	ggctggtctc	gaactcctga	cctcaggtga	tccgtccacc	3180
tcagcctccc	aaagagctgg	gattacaggt	gtgagctacc	gcgcctggcc	atgatgatat	3240
tattaaacac	cattattcac	atttcaaata	ataacaatac	tttttgTTTT	tcaaaaataa	3300
aatgcaatgt	tataaaagc	tataaactaa	gttctttatg	atatttgagc	aacaactcag	3360
gaatataaca	tataagggag	atgttaattt	aaaaatttcc	actacactta	ttatctatta	3420
accaaagctt	aaaattttgt	attcttctgt	tagataagac	cttttacc	tttaatttgt	3480
ctttaaggac	agtcatttgg	cttctgaatg	tttgaaacga	ttttaaaaaa	taagtagtgc	3540
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ttatatgtgt	ttaaatatta	tattagctta	tttctcttgc	attaatagta	ctgctgtttt	3720
ttgttttgct	tctttatatt	tatgtctagc	ttttatatgt	aatttatctt	agtgtttata	3780
aaatgtgatt	tgtaataaat	gttggttaaaa	tgaaaatgga	aaaaaa		3826

<210> 8192

<211> 1837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (322)...(1169)

<223> similar to gil480112 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8192

gtacacccac	cgggtcgagc	atttcgtcta	gcggcgggcg	gagcgggcgcc	gttggccggtt	60
tggcacgcgg	gcgcaggac	cggccgaacg	cagaggttga	ttcttcacca	cactgaaacc	120
attaggaaaa	atccttgttg	ttaacagcag	aggcttcaga	gtgtaacctg	tactcgggcc	180
tagaaattat	ttaaaatggc	gactgatagc	tctcaaggtg	aactcgtcca	tcctaaggca	240
ctcccactta	tagtaggagc	tcagctgac	cacgcggaca	agttaggtga	gaaggtagaa	300
gatagcacca	tgccgattcg	tcgaactgtg	aattctaccc	gggaaactcc	tcccaaaagc	360
aagcttgctg	aaggggagga	agaaaagcca	gaaccagaca	taagttcaga	ggaatctgtc	420
tccactgtag	aagaacaaga	gaatgaaact	ccacctgcta	cttcgagtga	ggcagagcag	480
ccaaaggggg	aacctgagaa	tgaagagaag	gaagaaaata	agtcttctga	ggaaacccaa	540
aaggatgaga	aagatcagtc	taaagaaaag	gagaagaaaag	tgaaaaaaac	aattccttcc	600
tgggctaccc	tttctgccag	ccagctagcc	agggcccgaga	aacaaacacc	gatggcttct	660
tccccacgct	ccaagatgga	tgcaatctta	actgaggcca	ttaaggcatg	cttcagaag	720

agtgggtgcat	cagtggttgc	tattcgaaaa	tacatcatcc	ataagtatcc	ttctctggag	780
ctggagagaa	ggggttatct	ccttaaacaa	gcactgaaaa	gagaattaaa	tagaggagtc	840
atcaaacagg	ttaaaggaaa	aggtgcttct	ggaagttttg	ttgtggttca	gaaatcaaga	900
aaaacacctc	agaaatccag	aaacagaaa	aataggagct	ctgcagtgga	tccagaacca	960
caagtaaaat	tggaggatgt	cctcccactg	gcctttactc	gcctttgtga	acctaaagaa	1020
gcttctaca	gtctcatcag	gaaatatgtg	tctcagtatt	atcctaagct	tagagtggac	1080
atcaggcctc	agctgttgaa	gaacgctctg	cagagagcag	tagagagggg	ccagttagaa	1140
cagataactg	gcaaagggtg	ttcggggaca	ttccagctga	agaaatcagg	ggagaaaccc	1200
ctgcttggtg	gaagcctgat	ggaatatgca	atcttgctg	ccattgctgc	catgaatgag	1260
ccgaagacct	gctctaccac	tgctctgaag	aagtatgtcc	tagagaatca	cccaggaacc	1320
aattctaact	atcaaataca	tttgctgaaa	aaaaccctgc	agaaatgcga	aaagaatggg	1380
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gaagatgaag	atgagtcatc	agaagaagac	tctgaggatg	aagagccgcc	acctaagaga	1560
aggttgcaga	agaaaacccc	agccaagtcc	ccagggaagg	ccgcatctgt	gaagcagaga	1620
gggtccaaac	ctgcacctaa	agtctcagct	gccagcgagg	ggaaagctag	gcccttgctt	1680
aagaaagcac	ctcctaaggc	caaaacgcct	gccaagaaga	ccagaccctc	atccacagtc	1740
atcaagaaac	ctagtgggtg	ctcctcaaag	aagcctgcaa	ccagtgcaag	aaaggagtaa	1800
atttgccggc	aaggcaaata	caccatgaag	aggtcttt			1837

<210> 8193

<211> 1042

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (923)...(418)

<223> similar to gi3790173 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8193

tttttttttt	ttgccacact	aatgcccttt	cccagggcag	tttaattggt	atcatttgta	60
aaaaggtctt	ttccatcacc	cccaaagcct	ttgcattccc	tttccaagaa	gggggctggt	120
aactggtttg	ggccccatgg	gcaacagtag	gccttggtat	gaggetgcca	taacactccc	180
atgggacact	ccagggtgac	atccaagtgc	aagtctatgt	tcagctctgg	gacagcaggg	240
gggaagggtga	ggagagtcag	gtctgtaaat	tgaagctggg	cagggccctg	gctgggctgg	300
gagatgtgtg	gggcaagggt	agcaggcccc	atgttgccac	ccagcttcca	gtgcccaactg	360
atgtggctga	agcccagggt	ggttgtgggc	actttgcctt	cagaggaagg	tctggcgggc	420
tctgactgct	gctgggggtg	ggctggggcc	ctctccgcgc	ccgtctggca	ccaccactgg	480
gccggccccc	actccgccc	tgccgcttgg	ttggggggga	gccctgctga	gaatttgtag	540
aactgcttga	ctgccgacgg	cgacggcagc	taccctctgt	cctctttgaa	gagctggagg	600
tgccatagct	atagcgttct	ggagacactg	gccggcgccg	cttgccgcgc	aggtgcggca	660
gcaggtcgtg	gcgggccagc	acgcgcagga	ggtgccccag	cagccgcagg	ttgctctcgt	720
cgcactgccc	gcggcgctcc	agctccagca	ggagctttag	gccgctgcgg	gcccgggata	780
agcctccggc	ggcgccagga	gcctcatcca	gcagaaaggc	caggagctcc	agctcgcaact	840
cggtcagttg	cccggccacc	acctgaaca	tacgggtgaag	cgacagcacc	ccgtagtagt	900
ccaggcactc	atcctcctcc	cagcacgggg	ccggggctga	cccggatagc	gccattcccg	960
ggggagggag	gcggaacaag	ctcagaaccc	ggccagattc	tggcgtccga	tgactcctgg	1020
gcgacggccc	cagccacttg	tt				1042

<210> 8194
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (162)...(37)
 <223> similar to gil072242 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8194

cttccatcca	tccacccatc	cacccatcca	tccatccacc	cacccatcca	tccatccatc	60
catccatcca	tccatccatc	catccaccca	cccatccatc	catccatcca	tccatctgtg	120
gcttctacct	gtgcgaatct	ctgtgctaca	aaattctttt	caatttagca	ttaaacttta	180
tttccataca	gttggcacct	cactgccgcc	aaaagtgagt	ccgcaggaac	tccactggaa	240
tatttgctca	ggggaaacta	actaatcatc	tgtttcaagg	ttggtattca	ttttagtctt	300
tgacctctga	ttatggggac	tttcagggaa	agctgtttgc	aaggtgagca	tgaatcaggt	360
gaaacagcaa	gatctgaagt	caggacagag	taagcaaatt	atccacagac	ctaatatgta	420
ccctctgaag	ctggaaagtg	ggggccacct	ggtagcattt	gagcaggggt	cacttatggt	480
cccccataag	tctgcacagc	tcctaaacaa	ggtccagtgg	ggcaacttat	ttttatgtgg	540
gtccctttat	aggcatgctg	ttaaggggtg	cataaccaca	ggccagttga	ggaaggggaa	600
cctactggga	tttaaccag	tgacattata	taagcaatcg	cttggagcca	cataggtagt	660
tcgcaggtcc	tgaatatgtg	gtgcctgaaa	gcatagggtg	aggcagtgtt	cattgcatag	720
gcattagctg	gacagggttt	tttccatatt	ggcacttatt	aattgacaag	gtcaggggtac	780
acttccaatg	agtgtaggga					800

<210> 8195
 <211> 1290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (37)...(763)
 <223> similar to gi34838 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8195

gctgcgagaa	gacgacagaa	gggcaaggag	gagaacatga	tgatggacct	ttttgaaact	60
ggctcctatt	tcttctactt	ggatggggaa	aatgttactc	tcgagccatt	agaagtggca	120
gaaggctctc	ctttgtatcc	agggagtgat	ggtaccttgt	cccctgccca	ggaccaaagt	180

cccccggaag	cggggagcga	cagcagcgga	gaggaacatg	tccctggcgcc	cccggggcctg	240
cagcctccac	actgccccgg	ccagtgtctg	atctgggctt	gcaagacctg	caagagaaaa	300
tctgccccca	ctgaccggcg	aaaagccgcc	accctgcgcg	aaaggaggag	gctaaagaaa	360
atcaacgagg	ccttcgaggc	actgaagcgg	cgaactgtgg	ccaaccccaa	ccagaggctg	420
cccaaggtgg	agattcttgcg	gagcgccatc	agctatat	agcggctgca	ggacctgctg	480
caccggctgg	atcagcagga	gaagatgcag	gagctggggg	tggaccctt	cagctacaga	540
cccaaacaag	aaaatcttga	gggtgcggat	ttcctgcgca	cctgcagctc	ccagtggcca	600
agtgtttccg	atcattccag	ggggctcgtg	ataacggcta	aggaaggagg	agcaagtatt	660
gattcgtcag	cctcgagtag	ccttcgatgc	ctttcttcca	tcgtggacag	tatttcctcg	720
gaggaacgca	aactcccctg	cgtggaggaa	gtgggtggaga	agtaactgag	cctgcgcttg	780
agaccttctc	cacgcagcag	gaagatccca	ccgacccttc	ctggccta	ccttttagatt	840
aggtcacatt	acattaacat	ttaggaaccc	agaccgaaaa	gttgctgaaa	gggaaggaga	900
cacattcaca	aagaaaagtt	gcgaaaattg	cgaatctgt	tgtgcatgct	caaatgaaaa	960
cgcttttcgg	ctttgggctt	ttattttttt	ggaactgcga	gtggcttagg	tctagcctca	1020
ttttgttttt	gtttggttgg	ttttatacta	tattaacttt	tattacggtg	atccttttgt	1080
gccatgttca	aaagaagttc	attcctgtct	aaagtgggaa	agttgcattt	aatgttaggg	1140
gtatttaaat	tatttttgta	aatagtttag	cactttcttt	ttttacgtaa	acctgaaata	1200
tattttaaat	gtggaatgat	gtatataaaa	tgtgctgagg	atcctggtat	tgtaatatta	1260
aaaagaagtt	tctatatgaa	aaaaaaaaaa				1290

<210> 8196

<211> 2190

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (373)...(1381)

<223> similar to gi2088669 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8196

gaagacattt	tccccgcaca	actgctaaag	ctccagagac	acgagcgtgt	gtggcagcaa	60
gagccgccag	ttcgggacca	ccgcagctgg	gggtggcagcg	gcgcaggagg	ggtcgcgggg	120
agggagtgga	ctgaccaggg	ccaagtggcg	ctcggcgggc	actacatggc	ggagggtgaa	180
gggtacttcg	ccatgtctga	ggacgagctg	gcctgcagcc	cctacatccc	cctaggcggc	240
gacttcggcg	gcggcgactt	cggcgggcgg	gacttcggcg	gcggcgactt	cggcgggcgg	300
gacttcggcg	gtggcggcag	cttcggtggg	cattgcttgg	actattgcga	aagccctacg	360
gcgcactgca	atgtgctgaa	ctgggagcaa	gtgcagcggc	tggacggcat	cctgagcgag	420
accattccga	ttcacggggc	cggcaacttc	cccacgctcg	agctgcagcc	gagcctgac	480
gtgaaggtgg	tgcggcgggc	cctggccgag	aagcgcattg	gcgtccgcga	cgtgcgcctc	540
aacggctcgg	cagccagcca	tgtcctgcac	caggacagcg	gcctgggcta	caaggacctg	600
gacctcatct	tctgcgccga	cctgcgcggg	gaaggggagt	ttcagactgt	gaaggacgtc	660
gtgctggact	gcctgttggg	cttcttacc	gagggggtga	acaaagagaa	gatcacacca	720
ctcacgtca	aggaagctta	tgtgcagaaa	atggttaaag	tgtgcaatga	ctctgaccga	780
tggagtctta	tatccctgtc	aaacaacagt	ggcaaaaatg	tggaaactgaa	atltgtggat	840
tcctcccgga	ggcagtttga	attcagtgtg	gattcttttc	aaatcaaatt	agactctctt	900
ctgctctttt	atgaatgttc	agagaaccca	atgactgaga	catttcaccc	cacaataatc	960
ggggagagcg	tctatggcga	tttccaggaa	gcctttgatc	acctttgtaa	caagatcatt	1020
gccaccagga	accagagga	aatccgaggg	ggaggcctgc	ttaagtactg	caacctcttg	1080

gtgaggggct	ttaggcccg	ctctgatgaa	atcaagaccc	ttcaaaggta	tatgtgttcc	1140
agggttttca	tcgacttctc	agacattgga	gagcagcaga	gaaaactgga	gtcctatttg	1200
cagaaccact	ttgtgggatt	ggaagaccgc	aagtatgagt	atctcatgac	ccttcattgga	1260
gtggtaaatg	agagcacagt	gtgcttgatg	ggacatgaaa	gaagacagac	tttaaaccct	1320
atcaccatgc	tggctatccg	ggtgttagct	gaccaaatag	tcattcctaa	tgtggctaata	1380
gtcacttgct	attaccagcc	agccccctat	gtagcagatg	ccaacttttag	caattactac	1440
attgcacagg	ttcagccagt	attcacgtgc	cagcaacaga	cctactccac	ttggctaccc	1500
tgaattaag	aatcatttaa	aaatgtcctg	tggggaagcc	atttcagaca	agacaggaga	1560
gaaaaaaaaa	aaaaggaaaa	aaaaaagagg	gatccagccc	ttattaggga	tgtgttttgt	1620
gcaatgatga	tatgtctctg	gttttaagtt	tggcaaagct	tatgtatctt	ttaatagatg	1680
tgggagcatg	atctcgaaag	gacctctttc	ccttctctta	ttctcctacc	caattggatt	1740
ctatcctgca	aaaaaagaga	gacctgtcat	tagaagcaac	caggttctcc	tgatacaaga	1800
gaagaaatgt	gtgatgacaa	tatgggtttg	ctgtatctgc	tcccatagct	ttgccatagg	1860
aaaaaaaaaa	gtggaaagtt	tcttttaaga	tgggaattcat	aaaagggaaa	atacggagga	1920
aaaaagggtc	cactccaact	tgtgaatcag	tttaggagtt	cagatattaa	tagtaacaat	1980
acaggaaaaa	ggggaactcc	aacgttggga	ttactgtctg	aggcttgtag	caagtgtctt	2040
ctgtggaatg	atcttgtttt	gctaacaac	ggcttgtctc	aatgaacag	tagtaggttg	2100
gtgcagttct	cgtaacaatc	agcagaactt	atgatgacac	aatccattaa	ttccagctgc	2160
gggcatagat	cacattttta	aaatgtaaaa				2190

<210> 8197

<211> 1123

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (131)...(945)

<223> similar to gi3252824 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8197

ggcctcgtgc	cagacccggc	ggcggacggc	ggctctcgac	tccggagagc	ggatcgcggg	60
gcgcaggagc	ccgatcgcg	tggccatggc	ctccaacttt	aacgacatag	tcaagcaggg	120
ctacgtgaaa	atccgcagca	ggaagcttgg	gattttcaga	cgatgctggt	tggttttcaa	180
gaaggcttct	agcaaaggac	ccagaagggt	agaaaaattt	ccagatgaaa	aggcagctta	240
tttcagaaac	tttcataagg	taactgaact	gcacaaatct	aaaaatataa	ccagactgcc	300
ccgagagaca	aagaagcatg	cggtggcaat	catctttcac	gatgaaacat	cgaagacatt	360
tgcttgtgag	tcagagctgg	aggccgagga	gtgggtgcaag	cacctctgca	tggagtgtct	420
ggggaccagg	ctcaatgaca	tcagccttgg	ggagcccgac	cttctggccg	caggagtgca	480
gcgggaacag	aatgagagat	tcaacgtgta	tcttatgcct	acgccaaacc	tggatattta	540
tgggtgaatgc	acaatgcaga	tcactcatga	aaatatctat	ctctgggata	tccacaatgc	600
caagggtcaaa	ctgggtgatgt	ggcctctcag	ctcactgagg	agatacggtc	gggactcaac	660
gtggttcacg	tttgagtcag	gaagaatgtg	tgacacagga	gaaggactat	tcacttttca	720
aacaagggaa	ggagaaatga	tctatcagaa	ggttcattct	gcgacactgg	ccatagctga	780
gcaacatgaa	agattaatgc	tagaaatgga	acagaaggcc	cggcttcaga	caagcttgac	840
tgaaccaatg	acattatcca	aatcaatatc	tcttctctgc	agcgcgtact	ggcatcacat	900
cactcgtcag	aacagcgttg	gtgaaatcta	cagtttgcaa	ggaaatcatg	aaaatcggca	960
ctccgattta	acaggaaaga	gttgcaagac	atccgagaac	agatttcttg	aagaaaatgc	1020
acccttgggt	atgtatggca	tcactcacca	tctgttcatg	gatacttcta	catgcaaagt	1080

tgtacatgac ttggaataaaa ccagctctag ttttatcatc aaa

1123

<210> 8198

<211> 2608

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(1101)

<223> similar to gil785643 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8198

ggaattcgcg	gcgccggcgt	ccgcggcagc	tgataccaga	gtcttgctcc	ggccgcggcc	60
agcggagccc	tgggctgggg	caggagccgc	aatgtctcag	gctgtgcaga	caaacggaac	120
tcaaccatta	agcaaaacat	gggaactcag	tttatatgag	ttacaacgaa	cacctcagga	180
ggcaataaca	gatggcttag	aaattgtggt	ttcacctcga	agtctacaca	gtgaattaat	240
gtgcccatt	tgtttgata	tgttgaagaa	caccatgact	acaaaggagt	gtttacatcg	300
ttttgtgca	gactgcatca	tcacagccct	tagaagtggc	aacaaagaat	gtcctacctg	360
tcggaaaaaa	ctagtttcca	aaagatcact	aaggccagac	ccaaactttg	atgcactcat	420
cagcaaaatt	tatccaagtc	gtgatgagta	tgaagctcat	caagagagag	tattagccag	480
gatcaacaag	cacaataatc	agcaagcact	cagtcacagc	attgaggaag	gactgaagat	540
acaggccatg	aacagactgc	agcgaggcaa	gaaacaacag	attgaaaatg	gtagtggagc	600
agaagataat	ggtgacagtt	cacactgcag	taatgcatcc	acacatagca	atcaggaagc	660
aggccctagt	aacaaacgga	ccaaaacatc	tgatgattct	gggctagagc	ttgataataa	720
caatgcagca	atggcaattg	atccagtaat	ggatgggtgct	agtgaaattg	aattagtatt	780
caggcctcat	cccacactta	tggaaaaaga	tgacagtgca	cagacgagat	acataaagac	840
ttctggtaac	gccactgttg	atcacttatc	caagtatctg	gctgtgaggt	tagctttaga	900
agaacttcga	agcaaaggtg	aatcaaacca	gatgaacctt	gatacagcca	gtgagaagca	960
gtataccatt	tatatagcaa	cagccagtgg	ccagttcact	gtattaaatg	gctctttttc	1020
tttggaattg	gtcagtgaga	aatactggaa	agtgaacaaa	cccatggaac	tttattacgc	1080
acctacaaag	gagcacaat	gagccttta	aaaccaattc	tgagactgaa	cttttttata	1140
gcctatttct	ttaatattaa	agatgtactg	gcattacttt	tatggacaga	tcttgatatt	1200
gttggttcaat	tttctttctg	agccagacta	gtttacgcta	ttcaaactct	ttccccttta	1260
tttaagattt	cctttttgga	agggactgca	attattcagt	atttttttct	ttcctttaaa	1320
aaaatatatc	tgaagtttct	tgtgtttttt	tttttcccca	caaagtgtgt	ttccacttgg	1380
agcaccattt	tgaccagga	atttttcata	gtttctgtat	tcttataaga	ttcagttggc	1440
tgctcttttc	ctgctcccct	caaaagattt	ttagtcatac	agaatgttaa	atattatgta	1500
ttctgacttt	ttttttcccc	cggagtcttg	tatatattata	gttttctata	taaactgtag	1560
tatcttcatg	aagacccaag	gctcaaattt	actgtcctta	aaaacaattc	tcataggatt	1620
attcttttca	tggtattttc	ttccataata	tctcatttta	aaaagaagtt	ctttatgaac	1680
ttagtgcca	ttgtcatgca	atgttttttt	tttccattct	ttttccctgt	aattttggaa	1740
tttctggtcc	tgggaagaat	caaacaaaat	cttaagttct	atgagaactt	ggttcattga	1800
catattctgc	tgaagaaaga	aaaattaaat	tggtagtaaa	atatagtctt	caagtatacg	1860
tttgagagt	cttttttttg	tattagttct	gctgtcactt	catttctctgt	attatatgtg	1920
atgtttttcc	ccattaaaat	accagagata	atggagatat	tttgcacttt	agccttgatg	1980
aaaagtacaa	gatatgttca	aagcttccct	aatttttttc	ttattttag	ccacataagt	2040
ttcaagaata	acatggcaca	cagaacaatg	gaaaaaagtt	tctttccatt	ggaaaattat	2100
atcatttttg	gttgccacat	cagtttataa	atttggcgct	cttttaatta	cactctgtag	2160

aaggTTaata	gagcttgagc	cctgctttaa	tatgtagtga	aagataattc	tgtagaaaaa	2220
cgTcagccag	tagggtaaag	tcattctact	gttcttaatt	tttatattga	ggaacaatat	2280
tgggtgtttg	ggagccagaa	agctttgttg	acagatcaaa	aataagattg	acttgggtgt	2340
tatatttcat	ctctctccag	actctaggta	tatttccaac	tttatatata	acagtattta	2400
aaaagacatg	tttgcatatg	gaaattaacc	ctaaagggtt	ttcaataggg	tgtagacctc	2460
cagtaccttt	gtaactaaag	tctgtctagt	cattgtaaat	atttatctgt	cagttttgac	2520
agattggggc	cagcttgatg	ttttaaatct	tcagcccggg	atgaaactta	aaggatatata	2580
ttcaattttt	taccatttta	tggaaaat				2608

<210> 8199

<211> 2795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (496)...(1851)

<223> similar to gi2224689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8199

ggtgagtctc	ctttctctga	ggaagagagc	atagagttta	acccagcag	ctctgggcgc	60
tcagcgagga	ccgttagcag	caacagcttc	tgctcagatg	acacaggctg	gcctagcagc	120
cagtcagtgt	ctcctgtgaa	gacacctca	gatgctggaa	acagcccat	tggtttttgc	180
cctggaagtg	atgaaggctt	caccagaaag	aaatgcacga	ttggaatggg	tgggtgaagga	240
agcattcagt	cctctcgata	taagaaggaa	tcaaagtcag	gccttgtgaa	accaggtagt	300
gaagctgatt	ttagctcttc	gagcagcaca	ggcagcattt	ccgctcctga	ggtccatatg	360
tcgactgcgg	gaagcaagcg	gtcttcttct	tcacgcaatc	gaggctctca	tgggcggagt	420
aatggagctt	cgtcacacaa	gcctggcagc	agcccatcat	ccccgcggga	aaaggacctt	480
ctgtccatgc	tgtgcaggaa	tcagctgagc	cctgtcaata	tccatcccag	ttatgcacct	540
tcttcccaa	gcagtagcaa	ctcaggctcc	tacaaaggaa	gcgactgtag	ccccatcatg	600
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gagcagtatt	tgactccact	gcagcagaaa	gaggtgacag	tgagacacct	caaaaccaag	720
ctgaaggaat	ctgagcgccg	actccatgaa	agggaaagtg	aaatcgtgga	gcttaagtcc	780
cagctggccc	gcatgcgaga	ggactggatt	gaggaggagt	gtcaccgggt	agaggcccag	840
ttggcactca	aagaagccag	gaaagagatt	aaacagctca	aacaggctcat	cgaaacatg	900
cggagcagct	tggctgataa	agataaaggc	attcagaaat	attttgtgga	cataaacatc	960
caaaacaaga	agctggagtc	tctccttcag	agcatggaga	tggcacacag	tggctctctg	1020
agggacgaac	tgtgcctaga	ctttccatgt	gattccccag	agaagagctt	aacctcaac	1080
ccccctcttg	acacaatggc	agatgggtta	tctctggaag	agcaggtcac	gggggaagg	1140
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gatgcagaag	ttcatgcaaa	ccgcctcatg	agagagctgg	attttgcagc	ctgcgtggaa	1620
gagagggtgg	atggtgtcat	cccactggct	cgcgggggcg	tcgtgaggca	gtactggagc	1680
agcagcttcc	tgggtgatct	cctggctgtg	gctgcccccg	tgggtccccc	ggttctgtgg	1740

gcattcagta	ctcagagagg	gggaacggat	cctgtgtata	acatcggggc	cttgctcagg	1800
ggctgttgcg	tggttgccct	gcattcgctc	cgccgcaccg	ccttcctgat	caaaacctaa	1860
atagaagtgt	ttgttaccgt	gtgccaatgt	gtcccatgtg	ggttggtcca	ggtagagaaa	1920
caggaagtca	atcatctgtg	acagtctcta	ttctgtcgtt	ttgctccttg	gtatttgatt	1980
tgcactatat	ttagttgaag	cctgttcact	gtttaaaacc	ggaggtatct	tcaaaggcatt	2040
ggagacctgg	ttccagtaaa	tgtcccacca	gtgggggtata	gaaagcatgc	tcatgacctt	2100
gccgtgtcgt	ctgagggtacc	cgttcttatc	ctagtgggtc	aggaagagaa	aacgcagttt	2160
gcactttcaa	gacagcttct	ctaaggctgg	catgttatct	ccttgctttg	ctttttgccg	2220
ttttaaaatg	tgtaattgtt	ccagcattcc	aatggctctg	tgcatagcag	gggactgtaa	2280
ccaaaaataa	acatgtattt	gtgtaattgg	tttgaagaag	tcttgaatag	ctctttactg	2340
tcttacttgg	ggttgataag	atttgagtgt	ttgcaatttt	ttactaaatg	tagctccaaa	2400
gtcttaaatg	gcttgtttgt	tcttaaaactg	ttaattgatg	aaactgtgca	taagtttaca	2460
atgtactaac	ttatttttgc	tattatatat	agtgttttat	tggaaattgt	aaccacacac	2520
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aaaataataa	ttattttctgt	gattttactt	ctatgtataa	gaaagacaat	gaatagcaga	2640
tcttacatct	ttatcaatag	ggggctctgta	aaaattgaat	taaattagga	agagggaaaa	2700
agagttagtt	attaaagaaa	atgaagattt	cctaccctta	cttaaaaagc	atcattttctg	2760
aataaaagta	gattttgttta	cttttaaaaa	aaaaa			2795

<210> 8200

<211> 2198

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (215)...(1810)

<223> similar to gi5678940 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8200

ctcgtagtg	ccccctgtgt	ttggggcccc	gtgatctcaa	cggctcctgcc	ctcgggtctcc	60
ctcttcccc	gccccgcctt	gggccagggt	ttcgaatccc	gactccagaa	ctggcgggcgt	120
cccagtcctg	cgggcggtga	gcgcgggagg	acccgccttc	gggctcatgg	cggccccgggt	180
ccgcctgggc	cggaagcgcc	cgctgcctgc	ctgtcccaac	ccgctcttcg	ttcgtctggct	240
gaccgagtgg	cgggacgagg	cgaccgcag	caggcacccg	acgcgcttcg	tatttcagaa	300
ggcgctgcgt	tccctccgac	ggtaccact	gccgtgcgc	agcgggaagg	aagctaagat	360
cctacagcac	ttcggagacg	ggctctgccg	gatgctggac	gagcggctgc	agcggcaccg	420
aacatcgggc	ggtgacctatg	ccccggactc	accatctgga	gagaacagtc	cagccccgca	480
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aggctctggc	agctactggc	cagctcggca	ctcaggagcc	cgagtataac	tgctggtgct	600
ctaccggggag	cacctgaatc	ctaattggtca	ccacttctta	accaaggagg	agctgctgca	660
gaggtgtgct	cagaagtccc	ccagggtagc	ccctgggagt	gctcgacctt	ggccagccct	720
ccgctccctc	cttcacagga	acctggtcct	caggacacac	cagccagcca	ggtactcatt	780
gacccagag	ggcctggagc	tggcccagaa	gttgggcgag	tcagaaggcc	tgagcttgct	840
gaatgtgggc	atcgggcca	aggagcccc	tggggaggag	acagcagtgc	caggagcagc	900
ttcagcagag	cttgccagtg	aagcaggggt	ccagcagcag	ccactggagc	tgaggcctgg	960
agagtacagg	gtgctgttgt	gtgtggacat	tggcgagacc	cggggggggc	ggcacaggcc	1020
ggagctgctc	cgagagctac	agcggctgca	cgtgaccac	acggtgcgca	agctgcacgt	1080
tggagatttt	gtgtgggtgg	ctcaggagac	caatcctaga	gaccagcaa	accctgggga	1140

gttggtactg	gatcacattg	tggagcgcaa	gcgactggat	gacctttgca	gcagcatcat	1200
cgacggccgc	ttccgggagc	agaagttccg	actgaagcgc	tgtggtctgg	agcgccgggt	1260
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cccaaccag	gctagccagc	cttttaacaa	catcttttgg	ggtacaatta	gaatctaagt	1920
gtttgcagcc	atatgtgtca	tgtagaagat	gcctagccct	ggggaccttg	tgaataacgc	1980
aggaaccagg	gataccatct	ggtccagtgg	tttttaacaa	aagctgctta	gcacctggaa	2040
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ccagttggtc	ctcatcaa	aaaatttcct	taggagtgc	gagggctcat	tgggaaaata	2160
aaaataataa	aaataaataa	aacttcctaa	aagaaaaa			2198

<210> 8201

<211> 2244

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(2227)

<223> similar to gi35495 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8201

ctccccgcc	cgaccatggt	agtgttcaat	ggccttctta	agatcaaaat	ctgcgaggcc	60
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ttccttctcg	acccctacat	tgccctcaat	gtggacgact	cgcgcatcgg	ccaaacggcc	180
accaagcaga	agaccaacag	ccgggcctgg	cacgacgagt	tcgtcaccga	tgtgtgcaac	240
ggacgcaaga	tcgagctggc	tgtctttcac	gatgccccca	taggctacga	cgacttcgtg	300
gccaactgca	ccatccagtt	tgaggagctg	ctgcagaacg	ggagccgcc	cttcgaggac	360
tggattgatc	tggagccaga	aggaagagtg	tatgtgatca	tcgatctctc	agggtcgtcg	420
ggtgaagccc	ctaaagacaa	tgaagagcgt	gtgttcaggg	aacgcattgcg	gccgaggaag	480
cggcaggggg	ccgtcaggcg	caggggccat	caggtcaacg	gccacaagtt	catggccacc	540
tatcttcggc	agcccaccta	ctgctcccat	tcgagagact	tcattctggg	tgtcatagga	600
aagcagggat	accagtgtca	agtctgcacc	tgctgtgtcc	acaagcgggtg	ccacgagctc	660
ataatcacia	agtgtgctgg	gttaaagaag	caggagaccc	ccgaccaggt	gggctcccag	720
cggttcagcg	tcaacatgcc	ccacaagttc	ggtatccaca	actacaaggt	ccctaccttc	780
tgcatcact	gtgggtccct	gctctgggga	ctcttgccgc	agggtttgca	gtgtaaagtc	840
tgcaaaatga	atgttcaccg	tcgatgtgag	accaacgtgg	ctcccaactg	tggagtggat	900
gccagaggaa	tcgccaaagt	actggccgac	ctgggcgtta	ccccagacaa	aatcaccaac	960
agcggccaga	gaaggaaaaa	gtcatttgc	ggtgccgagt	ccccgcagcc	tgcttctgga	1020
agctcacat	ctgaggaaga	tcgatccaag	tcagacacca	cctccccttg	tgaccaggaa	1080
ataaaagaac	ttgagaacaa	cattcgga	gccttgtcat	ttgacaaccg	aggagaggag	1140

caccgggag	catcgtctcc	tgatggccag	ctgatgagcc	ccggtgagaa	tggcgaagtc	1200
cggcaaggcc	aggccaagcg	cctgggcctg	gatgagttca	acttcatcaa	ggtgttgggc	1260
aaaggcagct	ttggcaaggt	catgttggca	gaactcaagg	gcaaagatga	agtatatgct	1320
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gagaagagga	ttttggctct	ggcacggaaa	cacccgtaac	ttaccaact	ctactgctgc	1440
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cagaatggcg	aggacgccat	caagcagcac	ccattcttca	aagagattga	ctgggtgctc	2040
ctggagcaga	agaagatcaa	gccacccttc	aaaccacgca	ttaaaccxaa	aagagacgtc	2100
aataattttg	accaagactt	taccgggaa	gagccggtac	tcacccttgt	ggacgaagca	2160
attgtaaagc	agatcaacca	ggaggaattc	aaaggtttct	cctactttgg	tgaagacctg	2220
atgccctgag	agccactgc	agtt				2244

<210> 8202

<211> 4223

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (314)...(2035)

<223> similar to gi3882171 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8202

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aaaaggttgt	aatgggagag	ttgttcctac	tgatgggggc	agatatgatg	ttcatttggg	180
ggagaggatg	cggtatgctg	tatactggga	tgaactggca	tcggaagtga	gacgatgtac	240
gtggttttac	aagggggaca	aagacaataa	gtatgttccc	tactcggaga	gcttcagcca	300
agtttttagag	gaaacttaca	tgcttgctgt	aactttggat	gaatggaaaa	agaaactgga	360
atctcccaac	agagaaatta	ttattttaca	caatccaaag	cttatgggtg	attaccagcc	420
agttgcaggg	tctgatgatt	ggggttcaac	acccatggag	cagggtcgac	caagaactgt	480
gaagagagga	gttgagaaca	tctctgttga	cattcattgt	ggagaacctt	tacaaataga	540
tcacttggtt	ttttagtcc	atgggattgg	accagcttgt	gatctccgct	ttcgaagcat	600
tgtacagtgt	gttaatgatt	ttcgcagtgt	ttccttgaac	ttgctacaga	cacattttta	660
gaaagcccaa	gaaaatcagc	agattgggag	ggtagaattt	cttccagtca	actggcacag	720
tcctttgcat	tctactgggtg	tggtatgtag	tctgcagcga	ataaccctgc	ccagcattaa	780
ccgcctcagg	cacttcacca	atgacacaat	tctggatgtc	ttcttctaca	atagtccac	840
ctactgtcag	actattgtgg	acacagttgc	ttctgaaatg	aaccgaatat	acacactttt	900
tctacagagg	aaccctgatt	tcaaaggggg	tgtatccatt	gctggtcata	gtttaggttc	960
gcttatattg	tttgatatcc	taacaaatca	gaaagattct	ttgggggata	ttgacagtga	1020
aaagggttcg	ctaaatattg	taatggatca	aggagataca	cctacactag	aggaagattt	1080

gaagaaactt	cagctctctg	aattctttga	tatctttgag	aaggagaaag	tagataagga	1140
agctctggct	ttatgtacag	accgagatct	tcaggaaata	ggaattcctt	taggaccaag	1200
aaagaagata	ttaaactatt	tcagcaccag	aaaaaactca	atgggtatta	agagaccagc	1260
cccgagcct	gcttcagggg	caaacatccc	caaagaatct	gagttctgca	gtagcagtaa	1320
tactagaaat	ggtgactatc	tggatgttgg	cattgggcag	gtgtctgtga	aatacccccg	1380
gctcatctat	aaaccagaga	tattctttgc	ctttggatct	cccattggaa	tgttccttac	1440
tgtccgagga	ctaaaaagaa	ttgatcccaa	ctacagattt	ccaacgtgca	aaggtttctt	1500
caatatttat	cacccttttg	atcctgtggc	ctataggatt	gaaccaatgg	tggtcccagg	1560
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tggaggccaa	cgcattgact	atgtgctaca	ggagaagcct	attgaaagtt	ttaatgagta	1920
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cctcaaagag	atctaccaaa	cccagggtat	cttccttgat	cagcctttac	agtaaaaatg	2040
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ctcaccactg	gggtcttttg	aagataatct	tcctcttttg	aaatgaatgg	aaaagcaaaa	2220
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ggaaagaaaa	ggaaaatgaa	gggtaattac	tgtcaccatg	gagattgtag	aggtaagggt	3540
ggggtatagg	tcaggcctgg	cctttctttg	tcactctgct	atagtctagt	gctaagtatg	3600
ccactaagtt	tcagatatat	ggaatacttt	atttttttaa	aggatatata	actctgagtt	3660
attgagaatt	aagtattcac	tgtatatata	ggggaagctt	ttgccaagtt	gtggcttca	3720
aatttatgtt	tactcttcct	attggcagaa	taggtgctat	ttaagagtaa	accaaaggat	3780
aagcagaggg	agtccctata	accaaagatg	gacagcatag	ccctggatag	ccagataaac	3840
cactctttgt	attaagaaat	gtttctttcc	tagtgggtgag	gggtgggtaa	ctgtgaaaga	3900
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tctagaccaa	ccctattttt	aaactctggg	acagcatcat	tttgtacata	ttcccagctg	4080
cagaactagt	atcacttatc	tcagcaaaag	agattgtttg	catggaaaga	ttaatagcac	4140
tgattagatt	tctaataatt	tgcatttttg	aaatgtttgt	tttctacgtg	attatatatta	4200
aaactttagt	aaataactaaa	atg				4223

<210> 8203
 <211> 1207
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (199)...(923)
 <223> similar to gil330394 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8203

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ggtatcaata	tcaggcttga	cacaactctc	atagacttta	ctgacatgaa	gtgccaacga	120
ggggatctaa	gcttcatttt	caatggggat	gcggcgccct	ctgaatcttt	tgtagtatta	180
gacaatgaac	aaaaagttta	tcagcgaata	catcatgagg	aatcagagat	ggaaacagaa	240
gaagagggtg	atattttaat	gagcagtgat	atctactctg	caactttatc	aacaaaatca	300
atctctttca	cgcggtgcca	gacaggatgg	ctttttcggg	aagataaaac	agaaagagta	360
ggaaactttt	tggcagactt	ttacctggtg	aatggacttg	ttttagaatc	aaggaaaaga	420
agagaacatc	tcagtgaaga	ggatattctt	cgaaataagg	ccatcatgga	gagtttgagt	480
aaagggtgga	acataatgga	acagaatttt	gagccgattc	gaagacagtc	tcttacacct	540
cctcctcaga	acactattac	atgggaagaa	tatatatctg	ctgaaaatgg	aaaagctcct	600
catctgggta	gagaattggt	gtgcaaagag	agtaagaaaa	cgtttaaagc	tacgatagcc	660
atgagccagg	aatttccttt	agggatagag	ttattattga	atgtttttaga	agtagtagct	720
cccttcaagc	actttaacaa	gcttagagaa	tttggttcaga	tgaagcttcc	tccaggcttt	780
cctgtaaaat	tagatatacc	tgtgtttccc	acaatcacag	ccactgtgac	ttttcaggag	840
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ccaagccgtt	ttcctgatct	ttaactgacg	tggaaaagga	tgccgtctaa	ccaaggaaag	960
aaaatacaga	gaccctagaa	gtggatccaa	atagaaggga	caaatgcttt	cagtgaagaa	1020
aagggaatta	cacattgaat	ccgacacatc	agtaataccg	atacagtga	atgggcctct	1080
aataagaatt	tcagcgagtt	ttctgatgtg	ccattttttg	tctttttaaa	aatatacata	1140
ttataaatgt	aatagtttga	cacattaatg	accctaagac	ctgcgtatgt	ggaagcagct	1200
atgagtg						1207

<210> 8204
 <211> 1479
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (316)...(817)
 <223> similar to gi722379 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8204

cccgtgtggc	ggaattcgcc	cggcagcagt	ggggcgggga	tggaggcggc	cgtggcgccg	60
gggagggatg	cgccggcacc	cgcggcgagt	cagcccagcg	gctgcgggaa	acacaactcg	120
ccggagagga	aagtttatat	ggactataat	gcaacgactc	ccctggagcc	agaagttatc	180
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ggaagaaagg	ccaaggatat	tataaatgca	gctcgggaaa	gcctcgcgaa	gatgataggg	300
gggaaacctc	aagatatata	cttcacttcc	gggggcactg	agtcaaataa	tttagtaatc	360
cattctgtgg	tgaaacattt	ccacgcaaac	cagacctcaa	agggacacac	aggtgggcac	420
cacagcccag	tgaagggggc	caagcccat	ttcattactt	cctcggtgga	acacgactcc	480
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acacgcctcg	tgaccatcat	gctggccaac	aatgagactg	gcattgtcat	gcctgtccct	660
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agcaaccttc	catgaaccac	agctacattg	gttcccccat	gtccccctgt	gtcacccctc	1440
gatatgcggc	gctctagaga	atccacgcag	cgtctgcgt			1479

<210> 8205

<211> 1617

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1618)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (377)...(80)

<223> similar to gil694828 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8205

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ttggccagct	ccccaatcaa	tctccagtac	tcattgaact	tgagctccga	gtcctgattc	180
acatccaagc	tcttcatctt	ctcatcaaga	gagcccacat	ccttgagcag	atggggcaac	240
tgctgggtaa	ccagctcttt	gaactcgttg	acgctgaggc	tatccttccg	gccctcctgc	300
cttgcaaagg	tgaagaagg	ggtgaccacg	gtctcaatgg	actcctctag	ctctgtcagt	360
ggttctgctg	ccattaggac	cctgaggcca	aagctgatgt	cctcaagggg	ctagctgacc	420

tttgtcaggg	ctgacctgtg	gaagagagaa	ggagcagaga	gggagagtca	gggagcccca	480
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agggggcata	tggggaaaga	gggagaggac	aggggttgag	cttggggcag	cagaccaggc	600
aacggcatct	cagttttggg	gggggcagga	gattcagctc	cagaaacccc	ctcttctgta	660
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cgggctcaac	cagcacagcc	agccacaggt	actgcaagaa	acagcttggg	gtaagacatc	1560
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<210> 8206

<211> 4569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (428)...(3224)

<223> similar to gi4454261 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8206

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tctcggcct	gacctgtcca	ggtcaagata	ctctttgcac	cccccttaagt	ggtgactttt	240
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tgccggagcc	gctgcgcggc	gcaacgagag	ccaggactat	ctgctcatgg	actcggagct	540
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ctggaactgc	tacttccaat	tcaataatgg	gagatttcaa	atgcaaatct	ttaacttcat	4440

cttaaagatg	aaatggttgc	agaaaatctg	tttagctcca	actttggctt	aatttaaatac	4500
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taccgggg						4569

<210> 8207
 <211> 2256
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2257)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1072)...(916)
 <223> similar to gi2274972 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8207						
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gtgaatttaa	aaaatacatt	tttctttcaa	taattatatt	atgttctaaa	tgaggtaaaa	180
tttataaaat	ctgcattaaa	gtaaggtaga	gggcactctg	gtgataacaa	cgatgagggt	240
tatttttgtc	aaaacatcca	agggaaatat	taattgttgt	ttgtcaactg	tgaacttcac	300
actacattgt	ctaaggatag	aaaattgatg	ggtatcactc	tgtcagaaaa	tcctcaccaa	360
gaagccaatt	caaggaatat	gaaattgaca	agcctttcaa	acaaagatgt	gttcggactt	420
cactgatgcg	atggtaggtc	ttttgggtta	caatagatag	ggatgatata	aaacacaatc	480
ttttcctgtc	tattccattt	tagaaaccgg	tgggtgtgct	cacgtttgtc	tgggcattgc	540
agcactgcac	acatacatga	attaagcaaa	gcatcggaaa	gtattgacac	atgagactaa	600
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aattaaagtg	cagagggttt	catttttagca	ccatgaattg	tgatgaaatc	ccatttctct	720
cactatggca	ggactgtatg	cagtaaggaa	gctagagtga	tgtgtttgag	gcaatgtaga	780
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tcataaacca	gtcctccat	ggttctactg	aaatgccagc	tggtcccggc	tgctggagct	2100
ccgatcggtt	ggcgcccggc	ggccccgaac	attaacgaca	cccgggagcc	tggcctcgaa	2160
gctcaggccc	gtgaacagac	tccaactaca	acagcaccgg	cgacttcaa	agagcgaatt	2220
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<210> 8208

<211> 1715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (331)...(1074)

<223> similar to gi5911886 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8208

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ttgtacattg	ccattccatt	tctcatcaaa	ctatgtcctg	gaatacaggc	caaactgatt	180
ttcttgaatt	tcgtaagagt	tcctatttct	attgatttga	aaaaaccaca	ggatcaaggt	240
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cacaccgtcc	ctgcagtctg	gtggaagaac	gcccaaggca	aagaccagat	gtggtatgag	360
gatgccttgg	cttcagcca	ccctatcatt	ctgtacctgc	atgggaacgc	aggtaccaga	420
ggaggcgacc	accgcgtgga	gctttacaag	gtgctgagtt	cccttggtta	ccatgtggtc	480
acctttgact	acagagggtg	gggtgactca	gtgggaacgc	catctgagcg	gggcatgacc	540
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gctaagagcc	atccattttc	agtgatatat	cgatacttcc	ctgggtttga	ctggttcttc	780
cttgatccta	ttacaagtag	tggaattaaa	tttgcaaatg	atgaaaacgt	gaagcacatc	840
tcctgtcccc	tgctcatcct	gcacgctgag	gacgaccggg	tggtgccctt	ccagcttggc	900
agaaagctct	atagcatcgc	cgcaccagct	cgaagcttcc	gagacttcaa	agttcagttt	960
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taagaataaaa atcgtggtgg tggtaaaaa aaaaa

1715

<210> 8209

<211> 2303

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (399)...(2216)

<223> similar to gi2792364 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8209

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atcatcaaac	attgcagcta	cgactacctg	tcatttatcc	cgctctcgga	tatcatgtga	180
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ttcttcccc	ctaggaggaa	tcattataga	ttctaaaaat	atattttccc	ttctctgtgg	300
acttggtata	aaacgtagct	tttttctg	ttggatttat	tttctaaaaa	tcaacaccgt	360
aaaccatata	cagatacaac	aaaattgggg	tagttaaaac	catgagttgt	ggaaatgagt	420
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atgtggacat	gctttgtgat	actttgtatc	aaggaggaaa	tcagcttttg	cttagtgatc	1980
aggagttaac	agagcagttt	cataaagttg	aatctcaact	gaataagcta	aatcatctcc	2040
tactgatata	tcttgctgat	gtgaagacaa	aaagaaaaac	tttggcaaat	aataaattac	2100
atcaaattgga	aagagaattc	tatgtatatt	ttttaaaaga	tgaagattat	ctgaaagata	2160

ttgtggagaa	tttagaaact	caatcaaaga	ttaaggctgt	tagtcttgaa	gattgaaaat	2220
tactgaaaac	tgaatcttta	ttacgtgtcc	tcttttattt	attagaagac	tgtgtataat	2280
aaacactact	aaatttttaa	aaa				2303

<210> 8210
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (365)...(540)
 <223> similar to gi19917 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8210						
tggcaaattc	atctctttta	tctctgctta	tgaataagat	gtctcagggc	aaccctggcc	60
tgggcagcct	gctgaacatc	aaggcggaac	agaggggagc	cccgtgcgg	ancctcgccc	120
ttcctaggca	aggccgtgaa	agngctgggt	caggagaagt	tggcagagcc	ctggaagggtg	180
tacctgcgca	ggtttggtac	aaaggacttc	tgtgacggcc	agtgtgactt	cctccacaag	240
gcccacttcc	actgcgtggt	ggaggaatgc	ggcgcgctct	tcagcacctt	ggacggggcc	300
atcaagcacg	caaacttcca	cttccggaca	gagggaggag	cagcaaaagg	aaacacagag	360
gctgcctttc	cggcctcggc	cgccgagacc	aaacctccca	tggccccctc	gtccccctccg	420
gtccctcctg	tcaccacggc	cacggtgtcc	tctctggagg	ggcccgcctc	cagcccggcc	480
tccgtgcctt	ccacccccac	cctgctcgcc	tgggaagcagc	tggcttccac	cataccccag	540
atgcctcaga	tcccagcgtc	agtgcctcac	ctgcccgcct	cgcccttggc	aacgacttct	600
ctagagaacg	ccaagcccca	ggtaaacc	ggattcctcc	agttccagga	gaacgatcct	660
tgctcgcca	cggactgcaa	gtacgccaac	aagttccact	tccactgtct	ctatgggaac	720
tgcaagtacg	tctgcaaaac	gtctggcaag	gccgaatccc	actgctgga	ccaca	775

<210> 8211
 <211> 4458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (215)...(2987)
 <223> similar to gi4240301 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8211

tttcgtactg	cggattccagg	agggaatgaa	gccgggggggc	ccagctcctg	tgagccgcag	60
ctgtgtctct	ccatctcctg	ggtcctatga	gctgcggctg	cttctctcca	tctcctgggt	120
cctgtgaggc	gcagcccatc	atggggccat	tggtcagggtg	caccctttgc	tcccgggctc	180
atccaccatc	atgatccatg	acttgtgcct	cgtcttcccg	gccccagcca	aggctgtcgt	240
ttacgtgtcg	gacattccagg	agctgtacat	ccgtgtgggt	gacaagggtg	agattgggaa	300
gacagtgaag	gcatacgtcc	gcgtgctgga	cttgacacaag	aagcccttcc	ttgccaaata	360
cttccccctt	atggacctga	agctccgagc	agcctccccg	atcattacat	tggtggccct	420
tgatgaagcc	cttgacaact	acaccatcac	attcctcatc	cgcggtgtgg	ccatcgcca	480
gaccagtcta	actgcaagtg	tgaccaataa	agctggacag	agaatcaact	cagccccaca	540
acagattgaa	gtctttcccc	cgttcagget	gatgccagg	aaggtgacac	tgcttatcgg	600
ggccacgatg	caggtcacct	ccgagggcgg	ccccagcct	cagtccaaca	tccttttctc	660
catcagcaat	gagagcgttg	cgctgggtgag	cgctgctggg	ctggtacagg	gcctcgccat	720
cgggaacggc	actgtgtctg	ggctcgtgca	ggcagtggtg	gcagagaccg	gcaaggtggt	780
catcatctct	caggacctcg	tgacaggtgga	ggtgctgctg	ctaagggccg	tgaggatccg	840
cgcccccatc	atgcggatga	ggacgggcac	ccagatgccc	atctatgtca	ccggcatcac	900
caaccaccag	aaccctttct	cctttggcaa	tgccgtgcca	ggcctgacct	tccactggtc	960
tgacaccaag	cgggacgtcc	tggacctccg	agggcggcac	cacgaggcgt	cgatccgact	1020
cccgtcacag	tacaactttg	ccatgaacgt	gctcggccgg	gtaaaaggcc	ggaccgggct	1080
gagggcgggtg	gtcaaggctg	tggacccac	atcggggcag	ctgtatggcc	tggccagaga	1140
actctcggat	gagatccaag	tccaggtggt	tgagaagctg	cagctgctca	accctgaaat	1200
agaagcagaa	caaataattaa	tgtcgcccac	ctcatatata	aagctgcaga	caaacaggga	1260
tggtgcagcg	tctctgagct	accgcgtcct	ggatggacc	gaaaagggtc	cagttgtgca	1320
tgttgatgag	aaaggctttc	tagcatcagg	gtctatgac	gggacatcca	ccatcgaagt	1380
gattgcacaa	gagccctttg	gggccaacca	aaccatcatt	gttgctgtaa	aggatatccc	1440
tgtttcttac	ctgaggggtt	ccatgagccc	tgctctgcac	accagaaca	aggaggcct	1500
ggtggccgtg	cctttgggaa	tgaccgtgac	cttactgtc	cacttccacg	acaactctgg	1560
agatgtcttc	catgctcaca	gttcggctcct	caactttgcc	actaacagag	acgactttgt	1620
gcagatcggg	aaggggcccca	ccaacaacac	ctgtgttgct	cgcacagtca	gcgtgggct	1680
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tctggccact	gttctgacca	gcctggaagg	cctctcagga	acctggagct	cctcgcccaa	1860
cagcatcctc	cacatcgacc	ccaagacggg	tgtggctgtg	gcccgggccc	tgggatccgt	1920
gacggtttac	tatgaggtcg	ctgggcacct	gaggacctac	aaggaggtgg	tggtcagcgt	1980
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ccccacccag	agggaagtca	tccaggcctt	gcacccagag	acctcatca	gctgccagtc	2160
ccagttcaag	ccggccgtct	ttgatttccc	atctcaagat	gtgttcaccg	tggagccaca	2220
gtttgacact	gctctcggcc	agtacttctg	ctcaatcaca	atgcacaggc	tgacggacaa	2280
gcagcgggaag	cacctgagca	tgaagaagac	agctctgggtg	gtcagtgcct	ccctctccag	2340
cagccacttc	tccacagagc	aggtgggggc	cgaggtgccc	ttcagcccag	gtctcttcgc	2400
cgaccagggt	gaaatccttt	tgagcaacca	ctacaccagt	tccgagatca	gggtctttgg	2460
tgccccggag	gttctggaga	acttgagggt	gaaatccggg	tccccggccg	tgctggcatt	2520
cgcaaaaggag	aagtcttttg	ggtggcccag	cttcatcaca	tacacggtcg	gcgtcttgga	2580
cccccgggct	ggcagccaag	ggcctctgtc	cactaccctg	accttctcca	gccccgtgac	2640
caaccaagcc	attgccatcc	cagtgcacgt	ggcttttggtg	gtggatcgcc	gtgggcccgg	2700
tccttatgga	gccagcctct	tccagcactt	cctggattcc	taccaggtca	tgttcttcac	2760
gctcttcgcc	ctgttggtg	ggacagcgg	catgatcata	gcctaccaca	ctgtctgcac	2820
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cccggaggat	gggtctcagc	cgagcctcgt	gcacccccaa	gatggaacat	ccctgctgca	3060
ttcacactgg	aacaagcccc	tccagatgag	tgccccggcc	ccaggccagc	ttcactgccg	3120
tctcttcaca	cagagctgta	gtttcggctc	tgccattag	ctcattttat	gtaggagttt	3180

taaatgtgtg	tttttttccct	ttcaagtctt	acaaagctaa	gacttttttg	ctcattccct	3240
tttgcattgt	tgtctagggg	ttctggacaa	tgtgctgttg	cattttttatt	ttcctagcct	3300
tgctaaaatc	tttcccttct	caagactttg	agcagttaga	agtgcctctt	agaagttgtc	3360
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tttgggtggg	ttttttcccc	tgtgaaaact	tacttttgccc	ctagtctggc	tgctgctagg	3480
acttctgagg	agcaatggga	catgagtgtc	cctgtatctg	cgccactgcc	gcaaggggaag	3540
cctcaggaac	cagcacctgg	aggccaggat	agccaagccc	tgggtgagcg	agaggctgga	3600
gaacacagga	gctcaccag	ggctgctgcc	caaccatggg	ccactgtgaa	cagacttcag	3660
tcctctgttt	ttgtttcata	agccgttgag	acatctgatg	gacttggtct	aggccctgct	3720
gggacatccc	acgtgtgatc	ccttttactc	catcaggaca	ccaggactgt	ccttaggaaa	3780
atgtccttga	gatggcagca	ggagtcatat	tttctgtgtg	tgtgtttcgg	aaagccgctg	3840
tgtcctgcct	cagcacaaag	accagtggtc	atttgcctct	cctgttccctg	tgccactcca	3900
gaaccttcag	cagatctgag	ccaccgcctg	ccagtgtgag	aggcggccac	tttcatggca	3960
gcttatcagg	cgcagggccc	cagacagctt	cccagccggc	cctagagccc	ggcctggggc	4020
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tgggggagga	gacccttgga	aaagtccctc	cttcccagct	cctgattctg	gatctgagat	4140
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ttccgcacaa	gctcccttca	gtccttcagg	gctggggccat	gtgggttgatt	tttctaaagc	4320
tggagaaagg	aagaaattgt	gccttgcata	ttactttgag	cttaaacttg	acaacctggg	4380
atgtaaatag	gagcctttta	actggtttat	ttaataaagt	tctattgggtg	attttttaaa	4440
aaaaaaaaac	ctcgtgcc					4458

<210> 8212

<211> 1598

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (45)...(1100)

<223> similar to gi202402 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8212

gcggccgcag	ccgctgcccc	gggcccggcg	cccgcggcgg	caccatgagt	ccccgctcgt	60
gcctgcgttc	gctgcgcctc	ctcgtcttcg	ccgtcttctc	agccgcgcgc	agcaactggc	120
tgtacctggc	caagctgtcg	tcgggtggga	gcattctcaga	ggaggagacg	tgcgagaaac	180
tcaagggcct	gatccagagg	caggtgcaga	tgtgcaagcg	gaacctggaa	gtcatggact	240
cgggtgcgcc	cgggtgcccg	ctggccattg	aggagtggca	gtaccagttc	cggaaaccggc	300
gctggaactg	ctccacactc	gactccttgc	ccgtcttcgg	caaggtggta	acgcaaggga	360
ctcgggaggc	ggccttcgtg	tacgccatct	cttcggcagg	tgtggccttt	gcagtgacgc	420
gggcgtgcag	cagtggggag	ctggagaagt	gcggctgtga	caggacagtg	catgggggtca	480
gcccacaggg	cttcagtggt	tcaggatgct	ctgacaacat	cgcctacggg	gtggccttct	540
cacagtgcgt	tgtggatgtg	cgggagagaa	gcaagggggc	ctcgtccagc	agagccctca	600
tgaacctcca	caacaatgag	gccggcagga	aggccatcct	gacacacatg	cgggtggaat	660
gcaagtggca	cgggggtgtc	ggctcctgtg	aggtaaagac	gtgctggcga	gccgtgccgc	720
ccttcgcgca	ggtgggtcac	gactgaagg	agaagtttga	tgggtgccact	gaggtggagc	780
cacgccgcgt	gggtcctccc	agggcactgg	tgccacgcaa	cgcacagttc	aagccgcaca	840
cagatgagga	cctgggtgtac	ttggagccta	gccccgactt	ctgtgagcag	gacatgcgca	900

gcggcgctgct	gggcacgagg	ggccgcacat	gcaacaagac	gtccaaggcc	atcgacggct	960
gtgagctgct	gtgctgtggc	cgcggttcc	acacggcgca	ggtggagctg	gctgaacgct	1020
gcagctgcaa	attccactgg	tgctgttccg	tcaagtgccg	gcagtgccag	cggctcgtgg	1080
agttgcacac	gtgccgatga	ccgcctgcct	agccctgcgc	cggcaaccac	ctagtggccc	1140
aggggaaggcc	gataatttaa	acagtctccc	accacctacc	ccaagagata	ctggttgtat	1200
tttttgttct	ggtttggttt	ttgggtcctc	atgttattta	ttgccgaaac	caggcaggca	1260
accccaaggg	caccaaccag	ggcctcccca	aagcctgggc	ctttgtggct	gccactgacc	1320
aaagggacct	tgctcgtgcc	gctggctgcc	cgcatgtggc	tgccactgac	cactcagttg	1380
ttatctgtgt	ccgtttttct	acttgacagc	ctaaggtgga	gtaacaagga	gtattaccac	1440
cacatggcta	ctgaccgtgt	catcggggaa	gagggggcct	tatggcaggg	aaaataggta	1500
ccgacttgat	ggaagtcaca	ccctctggaa	aaaaagaact	cttaactctc	cagcacacat	1560
acacatggac	tcctggcagc	ttgagcctaa	aagccatg			1598

<210> 8213

<211> 1385

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1326)...(883)

<223> similar to gi4868140 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8213

tttttttttt	ttagagttgt	gagtgaattg	cattttttatt	tacgtttaag	agtctctctc	60
cctccttgtg	ttctagtctg	tgaatggctc	acacttggac	ttagtgtagg	ctcctatggg	120
aggagcgggc	ggtagtgaga	atcttcatca	aatggagtaa	catgacccaa	atctctagag	180
gtttcataat	tttgtctctg	cttctgaaaa	cataatcatc	tcttatgggg	tgttatgtgc	240
tttgtatcct	gaaattttcc	acttgctgct	tcttggtgtg	aggcgagaaa	tgccaccacg	300
tggcactgca	ggaggagact	ggtggaagcc	acagggctag	gccttcactt	cccagtgaca	360
ctgttcccaa	ttccctccag	gataagctga	gactcctcag	gatgtgggtc	tgacgcagat	420
gaggtgcgaa	caaagcctgc	tctgccctgg	gcacccagga	tggcactgag	ttctaaaagg	480
caaagggtat	gtggtgaggg	gccaggctga	ggccctgggt	tggtagcatc	atgggcagca	540
gcaccatttg	aggccgggta	ggagagacgt	gcagggcctg	gccccccaag	agaccagcag	600
acaaactgag	gcggcagaga	gagagattcc	agtgtcacca	ggaagactgc	agatcataac	660
aacaatggtt	gctgatttgg	catcaaagag	gtggcactgt	caaagccgta	attgctgaaa	720
atggcaccaa	catgctgcag	ctggagagag	tgggtgacca	acatttgttt	gaagaacaga	780
tgatgctctt	tgaatggctc	agccaacagc	ccaaagtttt	aagggaagac	ctctctgcc	840
gcttctcttg	gacagtgtct	catgtaaaac	ctccaaggca	cttacatagc	atatttttgt	900
gtccactctc	ttgctagtct	gttgtacttc	tctctgtcgg	ccttgtaggt	gtgtgctatc	960
tctggcacca	gggggtcatc	gggggttggg	tcgcagagca	gcgagcagat	ggacaagaga	1020
acttttgaca	cagtcaacgc	tggagaccac	tgagaccgca	ggatatcaag	gcagatgctg	1080
ccattgctgt	tgatattagg	gtgataaatt	ttggttgtga	aagcaacctt	tgggggcttg	1140
aacgggtaat	ctgtaggaaa	gtggatggct	aggaagaaaa	cacctccttg	gtaaggactg	1200
tcattcgggc	ccatgatggg	ggcctgccag	tggacaagct	catcaccgac	aggtcctgca	1260
gaacactggg	caggaggatc	cctctgcaag	tcgggttaatt	ccttctggat	ccgcttttagc	1320
gccatcctac	cccgtctgcc	gggacccggg	cggcccggcc	ggggctgcct	gaggcggccc	1380
gctgc						1385

<210> 8214
 <211> 1790
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (986)...(1426)
 <223> similar to gi5701854 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8214
 ttattttcaaa gatgagaaat atttgttttg atatctatga ctgtctgttt atactgtaag 60
 gggcttaatc agcagctcca tcttttagtt ttagttctaa agggaaagta gcctaaagtc 120
 agtataacta aagggtggaa cgaggtggga caaggtccgg aattgctgct cagtgatgtg 180
 tgtgtgcttg ccgctgggtg agctgagact gctcatctca gaaggatggg gatgcttgat 240
 ttcttgccca ggttgtccca gcacagtggg gattggccct gttgtatgac gaagacagca 300
 catggtggca gagatagata ctaacccatg gactttccaa gggagggaat aggtcttttg 360
 agggatgca agacaaagg agacactgga taaagaacct ggtagtgccc aggtattacc 420
 ccatctgggc cattactccc acactcagga accagacgtt gtgggtgagg acatgctgtc 480
 cctcctgcca agtaataact tccttcccag ccaggatcct gcccgaagta ggaatatagc 540
 tctgcattta cagcagctcc tgctcagacc ttgtcaaaac caccctgcag cttaggatta 600
 aggagcatgg tcacaggaag gtggggtttc agggcatccc ctcaggaact gcccatctcc 660
 ccagaattcc aaaatgaagg tccatatgct ttaggtgtg ctggctcatg cgggcttcac 720
 agtaggaaag ggtaagtggg gcccaggggc agggaggag gaaggggtaa ctgagtcacg 780
 gaagggggtg gagcgtggcc atggataatc gggcttccca ctggcccagg gtatttgaga 840
 gtgacccagt gctccatcc ctcttctgct ctcccagat cctgttcccg acatccggac 900
 gtgccacttc tgcctcgtag aagacccttc ttaggatgct atttcaggct cagagaagtg 960
 taccatcagc agctcatccc tgtgcatggg gatcaccatc tattatgatg tcaaggttcg 1020
 cttcatcggt cgaggctgtg gacagtacat ttcctaccgc tgccaagaaa aacgcaacac 1080
 ctactttgca gagtactggg atcaggccca gtgctgtcag tacgattatt gcaactcctg 1140
 gtcaagcccc caactccaga gctctctgcc ggagcccatc gacaggcccc tggccctgcc 1200
 tctgtctgac tcccagattc agtggttcta ccaggccctg aacctctccc tggccctccc 1260
 caatttccat gctgggacgg agcctgatgg cctggacccc atggtcacac tgtccctgaa 1320
 cctgggcttg tcttttctg agctgcgccg catgtacttg ttctcaata gttcaggact 1380
 tttggttctt ccccaggctg gactcttgac acctcaccct tctgaattc cacagtgcaa 1440
 atatctttct gtaacacct cagcatcctg cactgcactc cagcctgggt gacacagtga 1500
 gactccgtct ccaaaaaaaaaa ggatgaggaa tagaattctg tgcagatgtc ctgacttggc 1560
 aattttgtgt cctgcctca ctgtctccac caaccccgc ctgtcctagt gttgttctgc 1620
 ctctgtcct ctcttctct cttgtcagtc tctggcttcc tcggcccat ttcacttcac 1680
 tgagtcctga caccatctc cctaggggcc tgtgagagga gaggggaagg tctgttctgc 1740
 tcagctccat gtccccatt ttctccaca ataaaactgg ggactgggct 1790

<210> 8215
 <211> 1166
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1073)...(594)

<223> similar to gi4588130 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8215

tttttttttt	ttacagaatt	ccccaaactt	taatgctgtg	ctctgaaaag	ggaggctgga	60
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ccatgtgacc	aggcagttag	aaggacgggg	cctcactccc	atgccagact	gctcctcggg	180
ctgagcagga	cctgaagctc	tcagggcttc	caccaaagcc	cagcaaactt	gggggaggcc	240
tgagggggca	tcagcagtcc	ttaaaggcct	gagcttgcaa	cactcaggca	ggactcggct	300
gagggcctct	gtggtgccac	catggggtag	gaggtaaaga	gagaccctgg	ttccagcctg	360
ggaaccagtg	ggtgccctga	agggagggga	ggcctcaggg	agttcgggac	aggagtgtgc	420
atggtactgg	gcggcccatg	ggggctcctg	gcctcttggt	tcaggcaatc	cctgagctgg	480
ggacacattc	catcttaggt	ccaagagacg	gaggtcagga	gcatccctag	aacgacctcc	540
caggcacgag	gaaggcccgg	ggcagggccg	ggcgcagcgt	ggctggcttc	agtaccctcg	600
ggcatcttga	ctcctgccct	ctgggactgc	aaagggatct	gcggggcgct	ctgctgagtc	660
aatcgtctgg	taggcactac	ggtcctgaga	agacccaagg	aaaccagtgt	ggaccaggag	720
ctcacccccg	cgctcccggg	acatgtggta	gacgaagcag	caggagagcg	gcttgagcag	780
caagctgagg	atggccatgc	ccacgccaaa	gcggcccgtg	tccgtgaggc	tgacccgcgg	840
gtagaagatg	ctgatgtgca	cgatgtccag	gaagatggtg	gccagcaagc	cacccagaaa	900
catgcttatg	gcgtcgatgg	agtcgccgtg	agccacagcc	cacacgcccc	aggccaggat	960
ggtgaagttg	gcccaggcat	aggagcctga	gaatacaatg	cagccccagg	ttgtcagcag	1020
ccagtgaacct	aggagaatca	ccttcagggt	cacagcaggc	agtcctatcc	cgactcaggc	1080
cgaggggcacc	tgcgccgcag	ccgcgggggg	ctcctagggt	ccgaactcgg	ggaacaaact	1140
tgcccggccc	cgccccgccc	gttgcg				1166

<210> 8216

<211> 2135

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (993)...(1922)

<223> similar to gi5533379 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8216

gccccgaatt	cccggtcgac	gatttcgtac	gagactgacc	cggacttagg	cgttccgcct	60
ggcccggcgg	cggtgaaaaa	aggcagtttt	gaagcattta	gtggcaaaaag	gggtaggaga	120
cggctgctga	agtgctctact	acattcaggg	gacctggaag	gcttccagat	atccgcaatg	180
aacaatgaaa	agaaattgtg	aaagaaggcg	cttccctcaa	gccggaacta	atgaactcct	240
gggtcacgtg	gtgcgcacgc	gccaaaggca	cacgataaag	gaaaacgcgg	gcttatcgtg	300

gcctttaaaa	tccggcttgg	tgagcttggg	tcgcctctga	aggagaacca	ttttccatct	360
ctttcatagt	tttttcccc	agtcagcgtg	gtagcgggtat	tctccgcggc	agtgacagta	420
attgtttttg	cctcttttagc	caagacttcc	gccctcgatc	aagatggtgg	ttggacggcc	480
ttcctaacct	ttacggggcc	tggcgggtgct	gacgcctgag	ctggtagggg	tggagcaggt	540
aggaaacagc	aaatgcagaa	gctgctgcgc	ggaagtcggc	catggactgg	aaagaagttc	600
ttcgtcggcg	cctagcgcag	cccaacacct	gtccaaacaa	aaaaaaaaagt	gaacaagaat	660
taaaagatga	agaaatggat	ttattttacaa	aatattactc	cgaatggaaa	ggaggtagaa	720
aaaacacaaa	tgaattctat	aagaccattc	cccggtttta	ttataggctg	cctgctgaaa	780
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gcagagaact	gttagataat	gaagaattac	agaacttatg	gtttttgctg	gacaaacacc	900
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gtgaaaaggc	tggagcaaaag	tgcaagcaat	ttttcacagc	aaaagtcttt	gctaaactcc	1020
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aagtttggct	tcatacaaca	agaataggac	tcagtttata	tgatgtcgtc	gggcaggggt	1140
accttcggga	atctgattta	gaaaactaca	tattggaact	tatccctacg	ttgccacaat	1200
tagatggtct	ggaaaaatct	ttctactcct	tttatgtttg	tacagcagtt	aggaagtctc	1260
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gcttcctaga	tgattttattg	gagctaaggg	atgaggaact	gtccaaggag	agtcaagaaa	1380
caaattgggt	ttctgctcct	tctgccctaa	gagtttatgg	ccagtacttg	aatcttgata	1440
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ccaatgtctt	cttagaccgt	gttttccagg	agtgtctcac	ttatgatgga	gaaatggact	1560
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aatatatttt	caaactgctt	gatattgaga	acaaaggata	cctgaatgtc	ttttcactta	1680
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ctcttcagga	tttaatcaac	agtaatcaag	gagacacagt	aaccaccatt	ctaatcgatt	1860
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ttgaatgctg	catgtaaagc	ctttaaagca	aaatcctcag	aaatggtcta	aataaaacac	2040
ttgatatgcc	tagagaacac	agcaaagtgt	ttggttactg	gaattttggg	tgcaatagtt	2100
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<210> 8217

<211> 1481

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (224)...(955)

<223> similar to gi4176448 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8217

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gggccccgcc	ccccagggtg	ttctggggcc	tcaggggccc	ggcctcatca	aaggggttgc	120
acctcccacc	ctcatcaccg	actccacagg	gaccacctt	gtcctcaccg	tgaccaataa	180
aaatgcacac	agccctggcc	tgtccagagg	gagcccccaa	cagccctcgt	cccagcctgg	240
ctctccagcg	cctgccccct	ctgcccagat	ggacctggag	cacccactgc	agccccctct	300
tgggaccccc	acttctctgc	tgaagaagga	accacctggc	tatgaggaag	ccatgagcca	360

gcagcccaaa	cagcaggaaa	atggttcctc	aagccagcag	atggacgacc	tgtttgacat	420
tctcattcag	agcggagaaa	tttcagcaga	tttcaaggag	ccgccatccc	tgccagggaa	480
ggagaagcca	tccccgaaga	cagtctgttg	gtcccccttg	gcagcacagc	catcaccttc	540
tgctgagctc	ccccaggctg	ccccacctcc	tccaggctca	ccctccctcc	ctggacgcct	600
ggaggacttc	ctggagagca	gcacggggct	gcccctgctg	accagtgggc	atgacggggc	660
agagccccct	tccctcattg	acgacctcca	tagccagatg	ctgagcagca	ctgccatcct	720
ggaccacccc	ccgtcaccca	tggacacctc	ggaattgcac	tttgttcctg	agcccagcag	780
caccatgggc	ctggacctgg	ctgatggcca	cctggacagc	atggactggc	tggagctgtc	840
gtcaggtggt	cccgtgctga	gcctagcccc	cctcagcacc	acagccccc	gcctcttctc	900
cacagacttc	ctcgatggcc	atgatttgca	gctgcactgg	gattcctgct	tgtagctctc	960
tggctcaaga	cggggtgggg	aaggggctgg	gagccagggt	actccaatgc	gtggctctcc	1020
tgcgtgattc	ggcctctcca	catggttggt	agtcttgaca	atcacagccc	ctgctttttc	1080
ccttccttgg	gaggctagaa	cagagaagcc	cttactcctg	gttcagtgcc	acgcagggca	1140
gaggagagca	gctgtcaaga	agcagccctg	gctctcacgc	tgggggtttg	gacacacggt	1200
cagggtcagg	gccatttcag	cttgacctcc	ttttttgagg	tcagggggca	ctgtctgtct	1260
ggctacaatt	tggctaaggt	aggtgaagcc	tggccaggcg	ggaggcttct	cttctgacct	1320
agggctgaga	cagggttaagg	ggtgaatctc	cttcctttct	ctccctgctt	tgctgtgaag	1380
ggagaaatta	gcctgggcct	ctacccccta	ttccctgtgt	ctgccaaacc	caggatccca	1440
gggctccctg	ccatatttag	tgtctttgtg	tagtgaatacc	a		1481

<210> 8218

<211> 1260

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (393)...(1200)

<223> similar to gi3876107 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8218

cccacgcgtc	cgggagaggc	cgcgggccct	tcccgttgcc	tgcgggccacc	ggccgggcatt	60
cagagcccct	cgcctggcgc	taaatttaaa	aacgtaacac	gagcagcagg	ctggtctcgg	120
aaacgaaacg	aaattcggtc	cctgggcctc	ctcccgggcg	ctgccgggtcc	ctcagcgcgc	180
cgcgccaccc	ggaacagacc	cttctcccgc	cattttcggc	ggggctggga	gactgaggcc	240
cgcggcgctg	agcctgcggc	gccccggaag	aggcgggcgg	catggccgct	ggcgtggact	300
gcggggacgg	ggttggcgcc	cggcagcacg	tgttcctggg	ttcagaatat	ttaaaagatg	360
cttcaaagaa	gatgaaaaat	gggctaattg	ttgtaaaact	ggttaacccc	tgttcaggag	420
aaggagccat	ttacttggtc	aatatgtgtc	tacagcagct	gtttgaagta	aaagttttca	480
aggaaaaaca	ccattcttgg	tttataaatc	aatcagttca	atcaggagggt	cttctccatt	540
ttgccacacc	tgtggatcct	ctatttctgc	ttctccacta	cctcataaag	gctgataagg	600
aggggaagtt	tcagcccctt	gatcaagttg	tgggtggataa	cgtgtttcca	aattgcatct	660
tgttgctgaa	acttcctgga	cttgagaagt	tacttcatca	tgtgacagag	gaaaaaggta	720
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tggaaaaaaa	ggttaatcaa	actgtggcag	cattaaaaac	caataatgtg	aatgtcagtt	840
cccgggtaca	gtcaactgca	tttttctctg	gtgaccaagc	ttccactgac	aaggaagagg	900
attatatctg	ttatgcccac	ggtctgatat	ctgactacat	ccctaaagaa	ttaagtgatg	960
acttatctaa	atacttaaa	cttcagaaac	cttcagcctc	attgccaaat	cctccatcaa	1020
agaaaataaa	gttatcagat	gagcctgtag	aagcaaaaaga	agattacact	aagttaata	1080

ctaaagattt	gaagactgaa	aagaaaaata	gcaaaatgac	tgcagctcag	aaggctttgg	1140
ctaaagtga	caagagtga	atgaaaagta	ttgatacctt	tttttggggg	aaaaaataaa	1200
aaaaaaaatt	ggaaaggttt	gaaactttga	aaataaaatc	tagcaaaaat	aaaaaaaaaa	1260

<210> 8219

<211> 656

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(246)

<223> similar to gi4585827 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8219

tgcacccacg	cgcccgccca	cgcgctccgcg	caggagctaa	cgcaggggga	atccttgacg	60
gtgggagcat	ttcagagcgc	acaagccatg	gtggccaaac	agcggatccg	gatggctaac	120
gagaagcaca	gcaaaaacat	cacccatagg	gggaacgtag	ccaaaaccct	gaggccgcaa	180
gaggagaaat	atcctgtggg	accatggctg	ttggcaactgt	ttgtttttgt	tgtctgtggc	240
tcaggtcaac	cacataaatt	ggcctctcct	ggagactgcc	agaactttct	caaagttgta	300
acatccagag	ggagtcaccc	cacccccaag	accggcaact	gagatgttta	aaggaactgg	360
ctggccctga	aggaaagact	gaggccattc	atctgctctg	gagttcatcc	tcgggatctg	420
agatgcacag	cctgaagaca	tctcatcagc	catcagctcc	cttaagggtga	cctgtagcct	480
cctttgtgcc	ctgggggcat	ttgggattgt	gtagaggctc	tctctcagaa	gcattcttct	540
gttattttta	tgcggataga	aagctttaca	ttctttgcta	ataacatctg	ggttttaata	600
gcgectcctt	gccttgctg	tctccggcat	ctctcttttt	tcctcttctt	ccatct	656

<210> 8220

<211> 519

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (495)...(141)

<223> similar to gi5419988 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8220

tttttttttt	ttacagtgtg	aacatttatt	cgctctctga	gcttgtacaa	cagtcgtggg	60
agttgctgca	gaagcaagcg	aaaagccaga	tgagcgcttc	taaacttaga	gagaggtgag	120
taaggcttgt	ggcgatcac	ttgtcggctg	ggcctctttt	ggcctcttcc	cagaggatgt	180

cctgaagaaa	cttccccagg	gcctggctgt	gctgctggta	ctgaaccctt	gacagcttga	240
ttccaacatc	aaagggggcg	ttgaaccgga	cttccagttc	atcctctgcc	ccttctgctt	300
gacctccatc	ttccggggcg	agccagcctg	ctagagctcg	gggctgcagc	ttggctgggtg	360
gcttcttcga	ctcctttctc	tgctggactc	tctgggtgtc	agggctcagg	aagctggagc	420
ctgccatggc	caagtccagc	cagagcatgc	cgaggagcag	gaggctgcag	acggtcctctg	480
gggagggcat	ggcctcagct	gggttgacga	caggtgggc			519

<210> 8221

<211> 4285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(1727)

<223> similar to gil209752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8221

cttcctctgc	caccatcggg	gaactgggct	gtgaatgagg	ggctctccat	ttttgtcatt	60
ctggtttggc	tggggttgaa	cgtcttcctc	tttgtctggg	attaccgggt	ttatgatatt	120
ccacctaatg	tctttttacac	aagaaaactt	cttgggtcag	cactggcact	ggccagggcc	180
cctgcagcct	gcctgaattt	caactgcatg	ctgattctct	tgccagtctg	tcgaaatctg	240
ctgtccttcc	tcaggggttc	cagtgcgtgc	tgctcaacaa	gagttcgaag	acaactggac	300
aggaatctca	cctttcataa	aatggtggca	tggatgattg	cacttcactc	tgcgattcac	360
accattgcac	atctatttaa	tgtggaatgg	tgtgtgaatg	cccagatcaa	taattctgat	420
ccttattcag	tagcactctc	tgaacttgga	gacaggcaaa	atgaaagtta	tctcaatttt	480
gctcgaaaaga	gaataaagaa	ccctgaagga	ggcctgtacc	tggctgtgac	cctgttggca	540
ggcatcactg	gagttgtcat	cacgctgtgc	ctcatattaa	ttatcacttc	ctccaccaa	600
accatccgga	ggtcttactt	tgaagtcttt	tggtagacac	atcatctctt	tgtgatcttc	660
ttcattggcc	ttgccatcca	tggagctgaa	cgaattgtac	gtgggcagac	cgagagaggt	720
ttggctgtgc	ataatataac	agtttgtgaa	caaaaaatct	cagaatgggg	aaaaataaag	780
gaatgccccaa	tcctcagtt	tgctggaaac	cctcctatga	cttggaaatg	gatagtgggt	840
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gtcatcacca	aggtgggtcac	tcaccctttc	aaaaccatcg	agctacagat	gaagaagaag	960
gggttcaaaa	tggaagtggg	acaatacatt	tttgtcaagt	gccccaaagg	gtccaagctg	1020
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tgggataatg	aattcaagac	aattgcaagt	caacacccta	ataccagaat	aggagttttc	1620
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atgaggaaat	aaatgtgggt	tgtgctgcca	aatgctcaaa	taatgcta	tgataatata	1800
aataccctct	gcttaaaaat	ggacaaaaag	aaactataat	gtaatgggtt	tcccttaaa	1860

gaatgtcaaa	gattgtttga	tagtgataag	ttacatttat	gtggagctct	atggttttga	1920
gagcactttt	acaaacatta	tttcattttt	ttcctctcag	taatgtcagt	ggaagttagg	1980
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ctgaatatat	gttcaagaga	gagtctctaa	atcactgtta	gtgtggccaa	gagcagggtt	3060
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ttctttacac	caaagtatga	actggagagg	gtacctcagt	tataaggagt	ctgagaatat	3780
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cttttgcaat	tgtgtttgtg	aaatttgaat	acttgcaggc	tttgtatgtg	aataattcta	4200
gcgggggacc	tgggagataa	gttcgtacgg	ggaattctta	aaactgtgct	caactattaa	4260
aatgaatgag	ctttcaaaaa	aaaaa				4285

<210> 8222

<211> 2159

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (454)...(765)

<223> similar to gi4704429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8222
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cactgcacag ttcctttaac tgcaacccta ggctggcctg acccagctgc tgcaggaagg      120
ggagggggcca tgggaggggg tcagagccca cagcaggact gttgcataat ccttggggcc      180
tggccttggg caatccaccc tggttctgaa gtttgtgctt tgtgtctggt tccttccttt      240
tctgccttct ctctgcttt ctactctggt gctttcccag ctccgaagtc aatactgaga      300
tcccagatgt gtccagagac atcctgaaga ggctcggggg tggaggagcc ttagtgtgtc      360
cacaaaggga ctctgaaac tgactgagag ccagtggatt tgccagcagt ctgagcttct      420
accgagtctt cccccacctc aatccctggt gctatggaga ctaccaatgg aacggagacc      480
tggtatgaga gcctgcatgc cgtgctgaag gctctaaatg ccactcttca cagcaatttg      540
ctctgccggc cagggccagg gctggggcca gacaaccaga ctgaagagag gcggggccagc      600
ctacctggcc gtgatgacaa ctctacatg tacattctct ttgtcatgtt tctatttgct      660
gtaactgtgg gcagcctcat cctgggatac acccgctccc gcaaagtgga caagcgtagt      720
gacccctatc atgtgtatat caagaaccgt gtgtctatga tctaacacga gagggtctgg      780
acggtggaag accaagacac ctggggattg cgtctggggc ctccagaact ctgctgtgga      840
ctgcatcagg tctcagtgtc cctatctgta agatcaacaa gaaacacggt taaggagggt      900
cgtcactggg gtgggagaag aggggctggt agaccgaagc cttgtgcata aggatttttt      960
cccaggaaaa gatagacttt ataaacagtg ggagcccatg aacaaacata taaaagtagc     1020
aacagataat gaccaataac tggttcagtg gctggagtat taggggcctg gggattggag     1080
aacggagaag aagttgtagc agagggaaat gagacaggaa gatgctctgg ggacacattt     1140
tttatgtgtt atcttcagcc atgagaagca gtgatgacta tcccatatca cagatatgat     1200
ttaccaccac caccctgccc ccgctcccgt gaagaaagca gggcaagtgc tgtgctgccc     1260
at ttgggcct gcatagtgcc atgattggaa cccagggaact ctggtctcct tgcctagtgc     1320
ttttcaaaac tctgtgctac acaggagtgg atccaggcct gaaggtcac caaatctggg     1380
ggactctctt ttaagaaaaa gaattctaaa atatcttact tttgcaaaca ttatgaaaat     1440
atactgccac attaatatgt tgctagggcc cctgctagga ccttaagaag gagctcatgt     1500
gagtcaggac cctgaaatgt taggcctcgt tagctctatg gttcatatgc ttcttgaacc     1560
aagtcacagg gcacttccca gccacattgc caggcaacag gactaaacta cctccaaagc     1620
aagcagtctt ttcagttttg actgagtgat gtgagaaact tcttttcttt tcttttcttt     1680
tttttttttg aggcagtctc cctatgtcac ccaggctgtg ttgcagtgag ccaagatcac     1740
accactgcac tccagcctgg gcaacagagc aagactctgt ctccaaaaaa aaaaaaaact     1800
ctgctaagga ccataagcat atttcatcac ttgcagagag gcatcactgt caccccaatt     1860
tacagatggg aaactgagca gaaagtgtgt aaaacaccca gcactttggg aggccaaggt     1920
gggtggatca cctgagggtc ggagttcaag accagcctgg ccaacatggg gaaaccccat     1980
ctctactaaa aatacaaaaa ttagctgggc atggtggtac atgcctgtaa tcccagctac     2040
ttgggagggt gaggcaggag aatcacttga acctgggagg tggagggtgc agtgagccaa     2100
gatcacgcca ctgcactcca gcctgggtga cagagcaaga ctctgtctca aaaaaaaaaa     2159

```

```

<210> 8223
<211> 1822
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1823)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature

```

<222> (1613)...(412)

<223> similar to gil086901 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8223
ttttttttga attttctcca gatatttaat gcaggatgcc aatgtagcca tattcccatg      60
aaatgtgggt agcagtaggg gagttgtagc cctatcgaat caaagtatta caatacagct     120
gaaagcttta tatagacgta ttteggttct taattgcact aatgcagaca gtttaataga     180
taagcttctc tcttgtgctt tttctacttt gggagggttat atactttaga tgagagacaa     240
agaaactcta ctggtttaag agttctcagt tttactttta ctatagacct tttttcccac     300
cagtttagat gggaagacct agcctttggg ataaataact tacttccaca aaaatattta     360
aagggtatct ttagtgttca ctgtcagttg tgtagtcttt tggttaagggg gtggctagag     420
cctctttact ctacgtaaagt gctctgggct gatggataaa cacactaaat ttaacaccct     480
ggttgtttgc agctctgaca aaaccactat tagcagtcac tgtgatggct tttagggtgt     540
ctcccgcccc aaaaattggt aatgagcggc tattaatttt tgaactggcc actagtctca     600
aggcacgctc agaaggtctg tctggtacca cattaattcg cttaattaac acagtggccc     660
tctctctctc cccaggtcct cctaaggtat ctaaaataga ctgaaagtcc ttgacagcag     720
attcacaagc aaacaactcc ttgtccttca taaaggcctc cagctgaggt agaacctgct     780
ctttctctct ttgctctgct tgttctgtga gcactttctc tttgaaaata aagtggcagc     840
ctccatagct gagggcagat acatatgtga ttaaagtagt aatgtccaga tttactcttt     900
tgcacacatc gaccttaatt tctgttggaa acgcaacact tgctagtata ttttctcggt     960
caactctggt cacctgcaaa agttcagggc cctcatcatc tgattcactc tcacttggtt    1020
gaagctcttc aggggtgatct aacagagcgt tgactgctac tatgtctcct ctcacagata    1080
tgcccatttc tttcagcttc tctgccatgg ggctggagac actggtgtaa aatgcaaaga    1140
tgatgtgagg gttgctatac tgcaactggc gctgggtgact ggcctggagg aagtcttcag    1200
cctgctcaat gatgcttttg tcaccatatt ggccctgcc cagccagatg ttatgaagag    1260
cttcagcctt ccggccaatg gctttcaccc aagtatgacc accatttgca actacatcta    1320
ccacaagggg ttgcttttct cctaaggtat ctgtataacc aaagacatga agaacactaa    1380
caactctctc cagggttttct gctgattcca caatggctct cagggtgtgtt aggttagtgc    1440
tctgtaaatg agactcttta atagctactt tcccagcttc tactttctgc aagaatttta    1500
attctgcctt caatttgctg cacagctttg caccaccttc tatgccacct tttcttgatc    1560
tagaaagtga ttctgctctc ttgatcagtt ccttggctat ggcgattcgt tcacagagca    1620
tggaatgtgc agacatgctg tcagcattat tcctttccag cagcgccaga accgcgagcg    1680
cgagcacgca ggcgcggtgca cgcagaggcc gggacccgcc gggaaatctc aaccgggcag    1740
ccccacccc gctcgaacgc cgaggcggct ccacccgcgc gagccacgaa atcgtcgagn    1800
nnnnattccg gaccagagcc tc                                           1822
```

<210> 8224

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (212)...(414)

<223> similar to gi36870 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8224
tttcgtcttt ccagacaaag acaagtgaca agaatttttag gtttaaaaag caaccagatt    60
catctcagca gctttttag ttttaataa gcaaggagtt tctccagcga aacttcctca    120
cacctcttgg tcttgggtctc ttcagacact ttccttctctg ttctctggag atcttgcaga    180
aaagagcctg cagtgtttcc cttgctcagc catgtctctg gagcttatcc cactgctggg    240
gatacatttt gtcctgagaa ctgccagagc ccagtcagtg acccagcctg acatccacat    300
cactgtctct gaaggagcct cactggagtt gagatgtaac tattcctatg gggcaacacc    360
ttatctcttc tggatggaaa gaactgttga agaagctttt atacttcttg tttgcttgaa    420
gccttggagg gtagcaagta gtctggagaa aaaggagaag gaggatgaat ctttccagct    480
gctacttggc tcacgctata atgtattaaa ggcacactgt cttctacctt tgataagatg    540
gctaacttca ggtgactcac tgttatcagc tcagccacat tgcccacagg gactgtgatg    600
ggcactttat gcgaatctta aaggaggttc ctgcagcatg agaggcttct ccagcgtccg    660
gctcctgcag tgcaccaca ccaggttctt gcgctgtaca gtggccagca gtgtcctcca    720
gcacttccat ttttgcgtag ta                                     742

```

<210> 8225

<211> 1503

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (376)...(1105)

<223> similar to gi4884372 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8225
tttcgtctgg agagcccggg ggggtgtaag tacactgcgc ttataaaact ctagcaggaa    60
gctagcagct gtctccaaac ccagagaagg ggaacagga atcgattagg aataaaggat    120
tataatccac tttccttctg aggaaaagct ggaaccttc tcattttgcc ttatgaaac    180
taagctgaat cgactgctgc caaacatcta ttaggcaaaa ttggcctctt gcccatgatt    240
tgactttcca gcacagccag ttctttttct cctctgcagc tgattggctc tggagtgtgg    300
ccagaagcct ctctcctgca attaaaggag tcgggtctct aactgttgat ctgttttttt    360
cccttctgag caatggagct taccatcttt atcctgagac tggccattta catcctgaca    420
tttcccttgt acctgctgaa ctttctgggc ttgtggagct ggatatgcaa aaaatggttc    480
ccctacttct tggtgagggt cactgtgata tacaacgaac agatggcaag caagaagcgg    540
gagctcttca gtaacctgca ggagtgtgcg ggccctccg ggaaactctc cctgctggaa    600
gtgggctgtg gcacgggggg caacttcaag ttctaccac ctgggtgcag ggtgacctgt    660
attgacccca accccaactt tgagaagttt ttgatcaaga gcattgcaga gaaccgacac    720
ctgcagtttg agcgttttgt ggtagctgcc ggggagaaca tgcaccaggt ggctgatggc    780
tctgtggatg tgggtgtctg caccctggtg ctgtgctctg tgaagaacca ggagcggatt    840
ctccgcgagg tgtgcagagt gctgagaccg ggaggggctt tctatttcat ggagcatgtg    900
gcagctgagt gttcgacttg gaattacttc tggcaacaag tcctggatcc tgcctggcac    960
cttctgtttg atgggtgcaa cctgaccaga gagagctgga aggccctgga gcgggccagc   1020
ttctctaagc tgaagctgca gcacatccag gccccactgt cctgggagtt ggtgcgcctt   1080
catatctatg gatagtctgt gaaatagtgt gagctggcag ttaagagctg aatggctcaa   1140
agaatttaaa gcttcagttt tacatttaaa atgctaagtg ggagaagaga aacctttttt   1200
ttggggggcg gtttttttgg tttgtgtgtg gttttttttt tttttttggc aggaagaggg   1260
agttttgctc ttgttgccca ggctggagtg cagtggcgtg atctccgctc actgcaacct   1320

```


ccacctcgcg	ggttttaggcg	attcttctgc	ctcagcctcc	ctggtgctg	tggtcccagg	1380
tacttggggg	gctgaggcag	gagaatctct	tgaaccaga	aggcgaaggt	tgcaagtgaac	1440
cgagatcgtg	ccgttggtact	ctggcctggg	tgacaagagc	aagactccgt	ctcaaaaaaa	1500
aaa						1503

<210> 8226
 <211> 1678
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (406)...(896)
 <223> similar to gi3132471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8226						
tttcgtctgc	gatcgagggc	ccgggcgggc	ggccagccgt	ctcgccgagt	gcggactggc	60
cggatctgct	gtcagtcagc	gggaacagac	ttctccctct	ccatctgggc	aactgcggga	120
gaaaaatttt	cgagaatttc	cagcaggcaa	ggcagtgggc	gctttgactg	cttgcttcgg	180
agatccgaga	cgacggagaa	ggcactctta	tttaccgacc	aagaaagctc	ctcccccgtc	240
ctcgttagc	taattaaaac	atttttcagg	gacgtagcca	tccagagggga	tttgcttcct	300
aaggagaaga	acttggaaac	tctgttgacc	ttggcttttc	tagaaataga	taaagccttt	360
tcgagtcag	cccgcctgtc	tgctgatgca	actcttctga	cctctgggac	tactgcaaca	420
gtagccctat	tgcgagatgg	tattgaactg	gttgtagcca	gtgttgggga	cagccgggct	480
attttggtga	gaaaaggaaa	acccatgaag	ctgaccattg	accatactcc	agaaagaaaa	540
gatgaaaaag	aaaggatcaa	gaaatgtggt	ggttttgtag	cttggaatag	tttggggcag	600
cctcacgtaa	atggcaggct	tgcaatgaca	agaagtattg	gagatttgga	ccttaagacc	660
agtgggtgtca	tagcagaacc	tgaactaag	aggattaagt	tacatcatgc	tgatgacagc	720
ttcctgggtcc	tcaccacaga	tggaattaac	ttcatgggtga	atagtcaaga	gatttgtgac	780
tttgtcaatc	agtgccatga	tccaacgaa	gcagcccatg	cggtgactga	acaggcaata	840
cagtacggta	ctgaggataa	cagtactgca	gtagtagtgc	cttttggtgc	ctggggaaaa	900
tataagaact	ctgaaatcaa	cttctcattc	agcagaagct	ttgcctccag	tggacgatgg	960
gcctgattac	cagctgggac	ttagagtttc	tgtgcaacag	tttttactg	agcatgtcaa	1020
gaaactgata	agatcaaaaa	ggctctcctaa	ctcactagat	cagcgcacaa	gtcagtgtaa	1080
accacttaga	tagtagtttt	ttcataaatg	ctcatcatat	ttatgttccg	ctgtacatgt	1140
tcagtataaa	tatatgtgta	gtgaagctac	tgtgagtctt	taaattggaaa	gagcaaataga	1200
gaagtgggtt	ggatacactt	gatgagagat	gagagtgtca	cattaataat	ttttaagact	1260
cttaggcagc	tatgggtttc	ttttgatcat	ttttgttctt	tattcatttg	aacacgtttt	1320
tgaagtctct	caaaactagt	cagtttgaat	tttgacagct	attcaatatg	tgatctccaa	1380
gtttaaaaaa	atttttttcc	agacttcctc	aatcctaaaa	tgcgagtgtt	tatttttaat	1440
aactgtacca	aggaataagt	atgaaaacag	ttctctgtta	ccatattttg	tattctggac	1500
cacttactgg	tgaaagcaac	catgcaaaa	aaattaat	ggccaggcac	agtggctcat	1560
gcctgtaatc	ccagcacttt	gagaggccaa	ggtgggtaga	tcatctgagg	tcaggaattc	1620
aagaccagcc	tggccaacat	ggtgaaaccc	tgtctctagt	aaaaatccaa	aaaaaaaa	1678

<210> 8227
 <211> 1368
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (269)...(1172)
 <223> similar to gi4972734 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8227

ctcctctgga	agcaggacct	ggcttcctcc	ctcctctctc	cgcccaccct	cgtcggcgctc	60
tgccccgcgc	ccgccatagc	gacggcaacg	ggcgctgcgg	agtgtccga	gccgtgaggg	120
cggggccggc	gcgatgcccc	gccccttcga	tagctcatct	ttgcgcgctc	cagtcgcgcg	180
gagcccggt	tccgacgtgc	agcctggcag	tgcagtgagc	tgtctggcct	tttgtccttg	240
atccttggtt	aaggaaatga	ccaaccagta	cggattcttc	ttcaaacaag	agcaagccca	300
tgatgatgcc	atcttggtcag	ttgcttgggg	gacaaacaag	aaggaaaact	ctgagacagt	360
ggcacaggc	tccctagatg	acctggtgaa	ggtctggaaa	tggcgtgatg	agaggctgga	420
cctacagtgg	agtctggagg	gacatcagct	gggagtgggtg	tctgtggaca	tcagccacac	480
cctgcccatt	gctgcatcca	gctctcttga	tgctcatatt	cgtctttggg	acttggaaaa	540
tggcaaacag	ataaagtcca	tagatgcagg	acctgtggat	gcctggactt	tggccttttc	600
tcctgattcc	cagtatctgg	ccacaggaac	tcattgtcggg	aaagtgaaca	tttttggtgt	660
ggaaagtggg	aaaaaggaat	attctttgga	cacgagagga	aaattcattc	ttagtattgc	720
atatagtcct	gatgggaaat	acctagccag	tggagccata	gatggaatca	tcaatatattt	780
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gatctatgat	gtacaacatg	ccaatttggc	tggcacgctg	agcggccatg	cctcctgggt	960
gctgaacgtt	gcattctgtc	ctgatgacac	tcactttgtt	tccagttcgt	ctgacaaaag	1020
tgtaaaagtt	tgggatgttg	gaacgaggac	ttgtgttcac	accttctttg	atcaccagga	1080
tcaggctctg	ggagtaaaat	acaatggaaa	tgggttcaaaa	attgtgtctg	ttggagatga	1140
ccaggaaatt	cacatctatg	attgtccaat	ttaaacaatca	aagtctccag	gcttatgctg	1200
caaagagaat	gtacggattg	atcatgacat	tccttacctt	cttaggcttg	tttaaaagaa	1260
atatagcatt	tattgtagca	aagacttaaa	ttttgtagat	acaatatgaa	tcttttcatg	1320
ttttattgga	aatgctgttc	atactttaac	ataaagcttt	cttaatgc		1368

<210> 8228
 <211> 3031
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (110)...(918)
 <223> similar to gi4200241 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8228

ccagttttctc	cgtcagcctg	cggggtcccgg	ctggcggtctg	cttccggtag	gagagcgggtg	60
tagagcgagc	aggtctcagc	tccctcgatc	gtcatacggg	cccttagaca	tgtaccggaa	120
ccccggggccc	tggggggccc	agctccggga	cttcagcagc	atcatccaga	cgtgcagcgg	180
caacatccag	cggatcagcc	aagccactgc	tcagataaag	aatttgatga	gccagctagg	240
aactaagcag	gactcaagca	agctacagga	aaatctgcaa	cagttacaac	actccacaaa	300
tcagctcgcc	aaggaaacaa	atgaattgct	gaaagaatta	gggtccttgc	cccttccctt	360
atctacttca	gaacagcgcc	agcagagact	tcagaaggaa	cgccatcatga	atgacttctc	420
tgcagcetta	aacaatttcc	aggctgtgca	gagaagggtg	tctgaaaagg	aaaaggagag	480
tattgccaga	gcaagagctg	gatctcgtct	ttctgcagaa	gagaggcaaa	gagaggagca	540
gctgggtctca	tttgacagcc	atgaggagtg	gaaccagatg	cagagccagg	aggatgaggt	600
ggccatcact	gagcaggatt	tggaaacttat	taaagaaaga	gaaacggcaa	ttcggcagct	660
ggaggctgac	atthttggatg	tcaatcagat	atttaaagat	ttggccatga	tgatccatga	720
ccagggtgat	ctgattgata	gcatagaagc	caatgtggaa	agctcagagg	tgcacgtcga	780
aagagccact	gaacagttac	agcgagctgc	ttactatcag	aaaaaatctc	gcaagaagat	840
gtgtatcctg	gtgcttgtcc	tgtcagtgat	tattctaata	ttgggactta	ttatctggct	900
agtttataaa	acgaagtgat	tgcctccgat	cgttctcccg	ctgagctggt	ttcaagggca	960
agtgtctgtt	gaagtcttgc	cagaacaaac	tgatcacaa	aagacagcat	atatcagaac	1020
gtcctgtaat	catttagtta	gaaactaact	actaactagt	ctttggaatt	cgtgacctat	1080
ggagacagta	attatcaatt	tattgattct	attgatttct	caaattagga	attaacttat	1140
gtggatthttg	cttcctcttg	tattctgatt	gcccttcata	ccaagtgttt	actgaaaatt	1200
ccattctaga	tattcttggt	ttgacaaatg	acactacagt	ctcgtaatat	tgtctthttat	1260
gtatatacaa	aatttacctt	tttactagca	tctgagatag	agttactttc	tggtagccag	1320
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tatttgaatt	tctaagaagc	ctattctcta	tctatthttga	aagatthttgg	cactatathtt	1440
aattggaagg	taaaatattg	tacatgtgat	ccagagtaaa	tgagaagtct	ctatctgagc	1500
tggtcagtta	ctggagtaca	tgttactaat	ctgggtthta	agthttacttc	attatctgct	1560
agtgtcatcc	acagcagttc	atcctcatcc	acactaagcc	atcctgttag	ctthttaaagg	1620
aagthtaattt	aattaacatt	aataatactt	atgggtctcc	tctccacact	gtctgcatag	1680
aaaggcagaa	ttagacatag	catgctthtg	aaaagcaaat	aggaattggt	gggaatgatt	1740
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aatgttgctg	tcaaagggtc	gccccctacc	ttataagggt	tgtggggcat	ttgaaggcag	1860
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cctaatttht	aaacaagaga	ttaatatctc	catgcatagt	tttagacaaa	aaaagatggt	2040
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aacagttaaa	gggaacataa	tttgthttagg	ctccacata	aatgtgaatc	tggccaacaa	2160
ctthtggttca	tcctthtagtg	aattagagga	tttggtctacc	ctgagtatat	ttatattcat	2220
ttcttctggt	ctccttctgt	tattatactt	aatcttctaa	actaaactaa	tgtgaacagt	2280
agggaaagcaa	gggcccacaa	gcataagtht	ctthtgactg	ttgcacttac	ttaatacaaa	2340
taaatgthttt	ttaaagcttht	tgtagtatgt	thttatgagt	taacatccta	atgtggtagg	2400
tattaggttaa	tgtgctgtca	tgagaaaaat	tgagactthc	aagaaaactg	gacaccaggt	2460
gagggttggt	ttggagacgg	aataggtgta	gctgcctthc	cttgaaaaac	agtgtgtaga	2520
gatggctgag	tgcaatggct	cacacttgta	atcccaacac	tttggaaggc	tgaggcggtga	2580
ggatcagtat	atcggtacgt	ctgagcccaa	gagthtcaaga	tcagcctggg	cagtatagca	2640
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gagctgttgg	ggtggcacag	tggcccaaag	agcagcttca	gagataatthc	cttggtthcta	2760
tgtccctgt	ttacttccaa	attacagtcg	gacttggtata	catcattthgt	aacattgtag	2820
gaaagaaaaa	agtcttggtt	gtgaaaaacg	atthtgactth	gggtaaaaata	aagtgacct	2880
gctthttgttc	tgtaatactg	tgtgacctgt	ggtgtgtgta	atggtgatca	tggagagcaa	2940
atatgaactt	ggcctggatt	ttaaatggcc	tagaattthgt	ggtagttgcc	aaagaggttc	3000
tcctaggtgg	thttataaaa	cctattcaca	g			3031

<210> 8229
 <211> 1768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1769)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1417)...(1038)
 <223> similar to gi2935529 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8229

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tctgacacag	gagctgggag	gatgggcaga	tgtttaccac	ggccagtgtg	gtgggacaca	180
cacacctgaa	agcctgggac	ttggcctcca	ccctgctggc	accatccctc	ggcctgggcc	240
acgccttget	gcagtaaac	ccagtggggc	ttcagaagca	caacatcctt	ccaggtcttt	300
attgacgcca	ggcacaagtt	gccgtgaggg	gtggcgaccc	taagggggtg	agtgggggtcc	360
cccaccgagg	tgaacctga	tggcggtgt	ttgccaggg	ccaggcctct	gcaggcaggc	420
ggagggccag	gcctaggtcc	agcagcagct	tgggtggcag	gagggtcacc	agctcaggat	480
gccagggcag	tacttgtcaa	tgagcccctg	gtagtagggc	cgcagcttgt	ccacgtccgg	540
caggtccggg	cacttggtgt	agaggtcgaa	cttgctgcag	cagggagggg	cnggtgagcc	600
cccgtagaaa	aacccccaa	gccccccacc	caaccccctc	tttactccc	acaacacccc	660
tcggcgggta	gcggggggcg	ttacttgaac	tcccgacacc	agggcagcat	ggccagggtcc	720
tgctgggtgc	acagctgctt	ggtagtcgag	gcccgtgtgc	caggggtaga	aaggagtga	780
ccccgattca	tgtagaaagc	ctgcgggcaa	ggccacccag	cggctcactt	ggggctgcag	840
gaccgggcct	ggtggacggg	ctgcgttgcc	cctcccccca	cctacctcag	ggggcagtga	900
gaacttggtt	aacttcatca	cctggtacat	gtactctgtg	gggagagggg	gtcaccagca	960
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ccgcctctgg	cctcaccatc	atggccccag	gacatgagga	ccctgtcgag	cccacagtgg	1080
ggctgatata	tcccagagctc	tgtgctgtat	cgaggatcct	ggaggtcagg	gttgtcctgg	1140
aaggtggagt	cgcagaaaac	cacggaggcc	tgcggacggc	atccgacggg	gaaggtgtcg	1200
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tccagcaggt	ccacggcctc	catgactgtc	attttcttgt	aggagaagcc	cccaaactgg	1440
gcatgcttgc	tcttgacgaa	gtccactgtc	tgggtgcgtg	gcatgagctt	gtaggtgggtg	1500
aagacacggg	ccaggagggg	acctgacgtg	tagttccgga	agctggcctt	gtctttggcc	1560
acctctgggt	ccacatcagg	tggtagacc	agggaaagggt	ctgggcccctg	ggtaggtgga	1620
ggattgaacc	tatttcacca	tcatgtcagc	tccacgagga	agcacagaca	ttcccagggt	1680
ggctgcagac	tccaagcctg	cctctgctcg	agggctgggtg	ggtgacacgc	gaggacacag	1740
cctctcccgc	gccatcatcc	cagccctc				1768

<210> 8230
 <211> 2948

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2949)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1863)...(2951)
 <223> similar to gi3170174 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8230

cccttacttg	tagatgttga	tctcagcttg	tcagcatatg	caatgccaaa	aagtattatg	60
atcacaagag	atatgtctgct	aagaaaacac	caaagactgt	tgaagctgct	gagaaggcat	120
tcaagtcagc	agaaaagaaa	acaaagcaaa	cattaaaaga	agttcagact	gttaccnct	180
attcaaaaag	caagaaaagt	atattgggtg	acctgaaata	gtagccagcg	caccctaagg	240
gtgaactact	gaagaggggtg	cttaacccat	tacttcacct	tggaccagct	ctcattgaac	300
actgtctttt	agaaaatgga	ttctcgggta	atgtcaaaagt	ggatgaaaaa	cttgaaacta	360
aagatattga	aaaagtactt	gtttctctgc	agaaagcaga	agactatatg	aaaacaacat	420
ccaacttcag	tgggaaggga	tatatcattc	agaaaagaga	aataaaacca	tgcttgggaag	480
cagataaacc	agttgaagac	atactgacgt	atgaggaatt	tcaccccttc	ttgttttctc	540
aacattcaca	atgtccatat	atagaatttg	aatcatttga	caaggcgggtg	gatgaatttt	600
attccaagat	agaaggccag	aaaattgact	taaaagcttt	acaacaggaa	aagcaagcat	660
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ctcaggaaat	agacaaaactg	aaaggagagc	tcatagaaat	gaacctacaa	atagttgaca	780
gagccattca	ggtagttcga	agtgccttag	ctaaccagat	agattggaca	gaaattgggt	840
taattgtgaa	agaagcccag	gctcaaggag	accctgttgc	aagtgcattc	aaagaattaa	900
aactacaaac	aaaccatggt	acaatgctgc	taagaaatcc	atacttggtt	tcagaggagg	960
aagatgatga	tggtgatggt	gacgtcaatg	ttgagaaaaa	tgaaactgaa	ccaccaaaaag	1020
gaaaaaagaa	aaaacaaaag	aataaacagc	tgcagaagcc	tcagaaaaat	aagcccttac	1080
ttgtagatgt	tgatctcagc	ttgtcagcat	atgccaatgc	caaaaagtat	tatgatcaca	1140
agagatatgc	tgctaagaaa	acacaaaaga	ctgttgaagc	tgctgagaag	gcattcaagt	1200
cagcagaaaa	gaaaacaaaag	caaacattaa	aagaagttca	gactgttacc	tctattcaaa	1260
aagcaagaaa	agtatatagg	tttgagaaat	ttctgtgggt	cattagctca	gagaactatc	1320
taattatagg	tggacgagat	cagcaacaga	atgaaataat	tgtgaaaaga	tacttgacac	1380
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caacaggaga	acccatcccc	ccacggacct	tgactgaagc	tggcacaatg	gcactttgct	1500
acagtgctgc	ttgggatgca	cgagtatatca	ctagtgcctg	gtgggtgtac	catcatcagg	1560
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aaaagaattt	tcttcctccc	tcatatctaa	tgatgggggt	tagcttcctt	tttaaggtag	1680
atgagtcttg	tgtttgagaa	catcaggggtg	aacgaaaagt	cagagtacag	gatgaagaca	1740
tggagacact	ggcaagttgt	acaagtgaac	tcatatcaga	agaaatggaa	caattagatg	1800
gaggtgacac	gagcagtgat	gaggataaag	aagaacatga	aactcctgtg	gaagtagaac	1860
tcagtactca	ggttgaccaa	gaggatatca	ctcttcagag	tggcagagat	gaactaaatg	1920
aggagctcat	tcaggaagaa	agctctgaag	acgaaggaga	atatgaagag	gttagaaaag	1980
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ctaccattga	ctgtctcac	cttcaacccc	aaaggtccat	ccagaaattg	gcttcaaaag	2100
aggaatcttc	taattctagt	gacagtaa	cacagagccg	gagacatttg	tcagccaagg	2160
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aagaaaaata	caaagaccag	gatgaagaag	accgtgaact	tatcatgaag	ttgctggggt	2400
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aacctgtgaa	gaaacagccc	cagaaaccta	gaggtggaca	gaggggtctct	gacaacatta	2520
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agaaaaaggg	aaaagctgca	aaaacagcct	tgaatagttt	catgcattcc	aaagaagcaa	2820
cagcaagaga	aaaagactta	ttccgcagcg	taaaggacac	agatttatca	agaaacattc	2880
ctggcaaagt	gaaaagtgtc	tgcacccaat	cttctgaacg	taaaaaggaa	atagctgaaa	2940
tgaaattc						2948

<210> 8231

<211> 2327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2145)...(1837)

<223> similar to gi434845 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8231

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atgccacatc	tagctaaaag	tacataaaaa	gcgcacctct	ggaaataaca	gccctccctc	180
tggctgaaga	ctgagaagca	ttaaggatgc	ttctggattt	ctgcagcggc	agggcagggg	240
tctgcacagg	cctgacctgg	tgttgctgga	gcgcggcatc	ccctcctggg	tgctgctccg	300
aaaggcaggc	tgggaggtgc	ttgctggggt	gttccatggc	agcgtgccca	accaagtctg	360
ggtctctaaa	agccaccctc	agtttatacc	aactgatcag	gaaatagggtg	gtgacagggc	420
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tcaagtgtga	ggctgtgcca	tgctccctca	gggaggaggg	gcgctgggtc	tgaccaggtc	540
tgccctctgc	ctcaccagct	ggcagacgtg	aactggagaa	cagcaccaga	aaggctggtg	600
gttggcagct	gctcacgaca	cagttgctga	cctgcagcag	atcggtctgtg	ggtgagcagg	660
acagtcaggc	cctccacaag	cactgttctg	gagtttcgtc	tgactagggtg	aaccctctgg	720
cttttcgagg	acgcagggtg	ccctactgcc	accagccagt	gagcagacta	ggacatctct	780
agacaggaaa	ctcatctaaa	aatcggagga	caacctgatg	cacccaagtg	acaatggacc	840
caggcagctg	tgcaacaccc	aggtgggagg	cgtttggaac	agttagactc	atcagtggat	900
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ccagcctcat	tctttggcat	gttgactcct	ggaattgagg	ggctattttt	aagatgcata	1260
ctttttcggc	ttttctcatg	ggtgcctcat	cagcctgcac	aggatcccc	atctcacgag	1320
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actcattccc	ttagtcttta	ctctcccaca	ggtgttgaga	ttttattggc	ccatactaaa	1440
aagcatgcaa	tgactgaggt	tttctcctaa	ccttaatctc	atcttctcaa	atgtgtgcct	1500
tcttggtttt	aagaccatag	acaaggacgt	caggtgactg	ctgaaataga	actaaagcta	1560

aaatttttct	cggatcttgg	caaattctgc	taatggcacc	tctaggggca	caatgatcct	1620
caaatgacat	ccaaccagac	tccccataaa	caaggtttgg	gctggagctg	tttctagttt	1680
taaatatgga	aatgtaaggc	aaaggacaga	gcacttggtt	ttgccttaga	tttcccagca	1740
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gcagccgccg	gggggaaatc	tttgtcacc	cgggcgatga	ccccagagat	gaacacagtg	1980
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tctcctgtat	gtgggtgttt	ctgcacaatt	cgcattccac	cagctttcac	ggcgggcggg	2100
tgccagctt	tagtctctag	tttcccttcg	ggaggcgaag	acatggcgcg	gcggggcttc	2160
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gtgtgagcgc	cggggagcga	gcgggcggga	gaacgacgcg	cgcgcgtggg	gcccgggggc	2280
cgcgcgagcc	gggtgagtgc	cactgccgtt	aacgggggcg	cggccgc		2327

<210> 8232

<211> 3343

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3004)...(2499)

<223> similar to gi2773220 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8232

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gaggctacca	caaatatata	aaaaaacttc	actctattct	acaacttaca	tacatctagt	180
acttttggtg	agtcctctta	aaattttttc	tggcattacc	aatctgagag	tcacttttta	240
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tacctgggtg	aggttcaact	tccagctatc	agagaaaaat	gtccctatac	ttctataatt	420
gacaaaaggg	aaaagataaa	aaagggaag	agaacagggt	ggtaagaaag	attgattttt	480
catttcttat	cttgtgatac	atgctgcagc	agtaaaccac	actatctctc	aagtagacct	540
tttgaagaca	gggggagaaa	acactccaag	agaaagcttt	aaactagaga	ttgccttcct	600
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aaaacattaa	tataaaatc	aattatatat	ttcctagctg	atttgcttat	atatccaggt	1380
cataaaaaaa	gaaaggcaac	ttttttctat	gtggcttata	cagaatcgga	tggttacagct	1440

aaaagtaatt	gtaaaggctt	ctgatagttc	aaatgattgt	gaaatcccaa	agaataaagg	1500
aatttctgac	agcctaataa	tagaaggtag	ggaactcata	cttttattct	tctcattctc	1560
agttcagtg	ttatttttcc	taaaaaatta	aaaagtaaaa	attaaaaatt	tcagttttta	1620
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ccaaagctga	aacgtcaact	ctatctgagg	ttacttgctt	atacaaagat	gttactctaa	2160
caattgttgc	ttgagggcaa	gaccagatga	ttgtcactag	taggaagaaa	gcagaagtga	2220
tgcagcttac	actgcatagt	ccctaccctt	ctggattaaa	tgaaaaagtt	gctcaaaccat	2280
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agtcataact	acttattcca	tcctataatc	tcataaatca	aagctttcaa	ttgtctggac	2460
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accaaattca	caatgcagag	atggtacatt	ttcctatttg	ggcatcata	agagagctgc	2820
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aacagaacat	gagccacatt	caacttccac	acatcatggg	cgttacagaa	ttccacagat	3060
ttgcggaaga	tcttttccac	cattggataa	ttttcaagat	tccagtagat	ttttgcctga	3120
gccatcaaca	caggaatgta	tttctccatg	gtttcatcat	attcattcac	tgcttttttg	3180
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tgctcagtca	gcacccctgc	tagcccatca	agcttaatga	aagcctcttc	aggagctgtc	3300
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<210> 8233

<211> 1942

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1943)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1792)...(1317)

<223> similar to gi5262816 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8233

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atgtaagtcg	aaatggtaaa	aaatcataat	gacctatccg	atgcatcata	tatatgctat	180
tcagagaaaac	tcaaatcccc	gaattctcct	gtggcatggt	ttatatcaga	cattttaa	240
ctgtttacca	agaaagacca	ggatttttaac	tatatgtagg	tttctgctta	cagttgcaa	300
ctatcagaag	cctgtctata	tgatagagcc	cagataaacc	tgagatttag	aaaagcaagt	360
catttattct	cctgaggctg	tttttagtggc	acttttgtga	caagaatgac	cctccta	420
ctttactaca	caacttaacc	agatctatca	gtcatgataa	attagaccca	gtccatctt	480
caatccagtc	tactctggtt	ctgaacatat	aaacacaaaa	cactacagat	ttattaatat	540
agcattttcc	cacaccctaa	ccctataaa	aactttaaaa	gagaaaattt	catctaaata	600
tttcacactt	aaaggaaagc	cttaccact	atggcaacag	gtttggacca	tgaaatagta	660
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<210> 8234

<211> 1232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (102)...(740)

<223> similar to gi23911 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8234

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ctaccatgct	atctggccta	ctgttttggc	tggtcatctg	atggactcca	gcatttgctt	180
acagcccccg	gacccctgac	cgggtctcag	aagcagatat	ccagaggctg	cttcatggtg	240

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tacaccagta	aagaaggctg	tactcaagag	gaggagctga	cacatttcac	ttggctgcgt	1200
cttaataaac	atgaatgcaa	gcaaaaaaaaa	aa			1232

<210> 8235

<211> 6517

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (226)...(2264)

<223> similar to gi3043592 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8235

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agaaatgttt	attttaaagt	tcaccagagg	atttaaatat	acactgaagt	ttaagaatca	180
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accaaattgtc	atgtgagaaa	tgagcagatt	tgtaacaaac	ttaccagctg	taaaagctgt	300
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atgtctcctt	ttacaaacac	aactacag	tggcttcctg	gcgaacccaa	tgattctggg	660
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<210> 8236

<211> 1481

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (260)...(340)

<223> similar to gi2065169 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8236

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<210> 8237

<211> 2321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(1209)

<223> similar to gi3687322 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8237

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taccacaggg	acacttgggg	cctctcggat	gagcacttcc	agcccagacc	tgaagcagtt	1080
cagttcttta	atgtgaccac	actccagaag	gagctgtatg	actttgctaa	ggaaaatata	1140
atggatgatg	atgagggaga	agttgtggaa	tatgtggatg	acctcttgga	actggaggag	1200
accagctagc	ccacagcaac	caaagagact	tcctcttggc	gttcaggaaa	cacagattct	1260
ttgtcctttt	cccaacagcc	caggctgttg	atacctcaga	gccttctctt	tactctccaa	1320
agtgaagggg	aagccccctg	ctctctaact	gcatgtcatc	aggggtgagc	ctgcctttcc	1380
tatcttcaca	cctgccacct	catgttcaca	cctatctttc	tcaccttttt	tttgagatgg	1440
agtctcgctc	tcttgcccag	gctggagtgc	aatggcacgt	tctcagctca	ctgcaacctc	1500
cgctcttggg	gttcaagcaa	ttctgctgca	tcagcctccc	gagtacctgg	gattacaggc	1560
atgtgccacc	acgcccggct	aattttgtat	ttttagtaga	gacgggggtt	tgccatgttg	1620
gccaggctgg	tctcgaactc	ttgacttcag	atgatccatc	tgcttgggcc	tcccacagtg	1680
ctgggattac	aggcgtgagc	caccatgccc	ggcctctttc	tcacctttac	acctgtcttc	1740
ttatcctcac	atctgttttc	acaccttcac	ccctgtcttc	ctcatgttca	cacttgtctt	1800
ccccatgttc	atagctgcct	ttcttaccat	tttggtttga	agggcagtct	tctctggcct	1860
gtttttttgt	ttttcccaga	aaatcagtat	tattttttaa	ataagaaaaa	cattcctaga	1920
agatgataat	tgtgaaaacc	tcctttggct	tatttgcttt	tccagatttt	agtctccttt	1980
ctccccatcc	gggaaaagatg	gtggaagaca	taggctaaat	ttctccagcc	tcacaatggt	2040
cttcacttgg	tctgacttgt	accaattcta	gcacccactg	aaaaacaagt	tgagtagaga	2100
gtgtagagtg	cagaaatgtg	gcttttgccc	cactttgcat	ctccaaaatt	acaacggttg	2160
gccgatccca	tttgaggaca	atgcttagtt	ataagtctcc	gagttggaaa	aggaagaaag	2220
ccagagctgt	ctagtttcat	tcattctttc	agtaaataat	tattgagtac	ctactgtgtg	2280
ctaggcattg	acctgggaac	tagagatact	tcacagaata	g		2321

<210> 8238

<211> 1318

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (56)...(966)

<223> similar to gi4239974 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8238

gtggttccaa	agccctctca	ggcaggcaga	cccagggcct	ccccgccaca	ccttgttcat	60
ggattttgtc	gctggagcca	tcggaggcgt	ctgcggtgat	gctgtgggct	accccttggg	120
cacgggtgaag	gtcaggatcc	agacggagcc	aaagtacaca	ggcatctggc	actgcgttcg	180
ggatacgtat	caccgagagc	gcgtgtgggg	cttctaccgg	ggcctcttgc	tgcccgtgtg	240
cacgggtgtcc	ctggatatct	ccgaggtttt	tggcacctac	cgccactgcc	tggcgccat	300
ttgccggctc	cggttcggta	accctgacgc	caagcccacc	aaggccgaca	tcacgctctc	360
gggatgcgcc	tccggcctcg	tccgcgtgtt	cctgacgtcg	cccactgagg	tggccaaagt	420
ccgcttgacg	acgcagacac	aggcgcagaa	gcagcagcgg	cggctttcgg	cctcggggcc	480
ggttggtgtg	cccccatgt	gtcctgtgcc	cccagcctgc	ccagagccca	agtaccgcgg	540
gccactgcac	tgcttgccca	cggtagcccc	tgaggagggg	ctgtgcggcc	tctacaaggg	600
cagctcggcc	ctggtcttac	gggacggcca	ctcctttgcc	acctacttcc	tttctacgc	660
ggtcctctgc	gagtggctca	gccccgctgg	ccacagccgg	ccagatgtcc	cgggcgtgct	720
ggtggccggg	ggctgtgcag	gagtcctggc	ctgggctgtg	gccaccccca	tggacgtgat	780
caagtgcaga	ctgcaggcag	acgggcaggg	ccagagggcg	taccggggtc	tcctgactga	840
tatggtgacc	atcggttcgag	aggagggacc	ccgggtcctt	ttcaaggggc	tggactactaa	900

ttgctgccgc	gccttcctcg	tcaacatggt	ggctcttcgtc	gcctatgagg	cagtgtctgag	960
gctcgcccg	ggctgtctca	catagccggt	ccccacgccc	agcggccac	ccaccagcag	1020
ctgctggagg	tcgtagtggc	tggaggaggc	aaggggtagt	gtggctgggt	tcgggacccc	1080
acagggccat	tgcccaggag	aatgaggagc	ctccctgcag	tgttgtcggc	cgaggcctga	1140
gctcgccctg	cccagctact	gacctcaggt	cgaggggccc	gccagccatc	agccaggggt	1200
ggcctaggg	ggcaggagcc	agggaggagt	gggcctcttt	gatgagagcg	ttgagttgca	1260
tggagtcggt	tgttcatccc	agcctcccca	tggccctcgc	ctcccatgtc	tttgaagc	1318

<210> 8239

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(392)

<223> similar to gi624961 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8239

gccttgagag	gctctggctc	ttgcttctta	ggcggcccga	ggacgccatg	gccgagtgcc	60
cgacactcgg	ggaggcagtc	accgaccacc	cggaccgcct	gtgggcctgg	gagaagttcg	120
tgtatttgga	cgagaagcag	cacgcctggc	tgcccttaac	catcgagata	aaggataggt	180
tacagttacg	gggtgctctt	cgtcgggaag	acgtcgtcct	ggggaggcct	atgacccccca	240
cccagatagg	cccaagcctg	ctgcctatca	tgtggcagct	ctaccctgat	ggacgatacc	300
gacctcaga	ctccagtttc	tggcgcttag	tgtaccacat	caagattgac	ggcgtggagg	360
acatgcttct	cgagctgctg	ccagatgact	gatgtatgg	cttggcagca	cctgtctcct	420
ttcaccccag	ggcctgagcc	tggccagcct	acaatgggga	tgttgtgttt	ctgttcacct	480
tcgtttacta	tgctgtgtc	ttctccacca	cgctggggtc	tgggaggaat	ggacagacag	540
aggatgagct	ctaccagg	cctgcaggac	ctgcctgtag	cccactctgc	tcgccttagc	600
actaccactc	ctgccaagga	gggattccat	ttggcagagc	ttcttccagg	tgcccagcta	660
tacctgtgcc	tcggcttttc	tcagctggat	gatggtcttc	agcctctttc	tgcccttct	720
gtccctcaca	gcactagtat	ttcatgttgc	acaccactc	agctccgtga	acttgtgaga	780
acacagccga	ttcacctgag	caggacctct	gaaaccttg	accagtggtc	tcacatggtg	840
ctacgcctgc	atgtaaacac	gcctgcaaac	gctgcctgcc	ggtaaacacg	cctgcaaacg	900
ctgcctgccc	gtaaacacgc	ctgcaaacgc	tgctgccc	cacaggttca	cgtgcagctc	960
aaggaaaggc	ctgaaaggag	cccttatctg	tgctcaggac	tcagaagcct	ctgggtcagt	1020
ggtccacatc	ccgggacgca	gcaggaggcc	aggccggcga	gcctgtgga	tgagccctca	1080
gaacccttgg	cttgcccacg	tggaaaagg	atagaggttg	ggtttcccc	cttttataga	1140
tggttcacgc	acctgggtgt	ttacaaagtt	gtatgtggca	tgaatacttt	ttgtaatgat	1200
tgattaaatg	caagatagtt	tatctaaaaa	aaaaa			1235

<210> 8240

<211> 1202

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(1203)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (54)...(707)
<223> similar to gi4128041 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8240
cctttgagtc acctaggccg cctggggctg agaagacctt accgaggggc cagatggctt      60
cgaccggctt agaactgctg ggcattgacc tggctgtgct gggctggctg gggacccttg      120
tgtcctgcgc cctgcccctg tgggaaggta ccgccttcat cggcaacagc atcgtggttg      180
cccaggtggt gtgggagggc ctgtggatgt cctgcgtggt gcaaagcacg ggccagatgc      240
agtgtcaagg gtacgactca ctgctggctc tgccgcagga cctgcaggcc gcacgtgccc      300
tctgtgtcat tgccctcctg ctggccctgc ttggcctcct ggtggccatc acaggtgccc      360
agtgtaccac gtgtgtggag gacgaagggt ccaaggcccg tategtgctc accgcggggg      420
tcatcctcct cctcgccggc atcctggtgc tcatcctgtg gtgctggacg gcgcacgcca      480
tcatccagga cttctacaac ccctggtggt ctgaggccct caagcgggag ctgggggcct      540
ccctctacct gggctgggcg gcggctgcac tgcttatgct gggcgggggg ctctctgct      600
gcacgtgccc ccgcgccag gtgcagcggc ccgcgggacc tcggctgggc tactccatcc      660
cctcccgtc ggggtgcatct ggactggaca agagggacta cgtgtgaggc ggaggtttcc      720
cctgggagcc cactgctccc cactgcccgg ccctttcgac cttggcctga tgaccagatg      780
ccctgtccca tcacaacctc cttccccagg aaaaccact ttccaaaagc ccaagctaca      840
cctggctgca gggctgggtc agctggcctg gctgagctct tctcagtggg gtcccctttg      900
atgttctccc ccaagttggg cagcctagag gtgttgggaa ccctggcctg ccccccacct      960
cccagtaatt gtttccttcc gttgcacagg aactggctg gccttccttc tcttctgagc     1020
cctcccctgc ccaggaacc ctggcctcac caaacagca gcagctcgtt ggctccaaaa     1080
ccagggagca gaccatgccc tcccaaccct ggagttgtca gggagggcct gcccatcacc     1140
tccctctccc caacatcccc accctcgagt tggaaataaa gagcatttgt anaaaaaaaa     1200
aa                                                                1202

```

```

<210> 8241
<211> 852
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (700)...(307)
<223> similar to gi3875398 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8241

```


tttttttacc	ccattgtaga	agaggaataa	tttatttcta	taaggatttt	aataatgttc	60
cctaagtaat	tagtaatcaa	gatttttctc	aaattcaaat	taacaaatat	gtttgttaat	120
ctaaataata	tacatattta	tgtatttata	tatgtatata	ttttaatctt	tctgtaattc	180
agtctttaac	tgtgaacttt	tacatgatgg	aagcagtga	ggactcaatg	tcatagtaca	240
ttttgatagt	atttgatagg	ctttttcagg	tcaattaatt	tagttgcttg	caaatataaa	300
tcaagcttgc	tccagttcca	caaggactcc	accacagtct	ttaggatgga	gaaaaatcac	360
tggttttcca	tgtgctccta	ttttgacctc	ttcacttaga	ctgcggatct	tctttttttt	420
caaatccatc	acagctgcat	taatattatc	cacctcgatg	cagatgtgat	gcattcctcc	480
agccttgttt	ttctgcagaa	aacctgcaat	tggactgtca	cgtcccaatg	gatgaagcag	540
ttccatcttg	gtatttccca	ggttgacaaa	aacaacagat	actccatggt	caggaagagg	600
gaccgcttca	cttacctggg	cccccagaat	attcttataa	aatgctgcag	cctttttccaa	660
atctggcact	gctatggcta	catggttgag	tgcaccagg	ttccacacag	aacctgtcac	720
ttgatccaag	ggctgtgatg	tggaagaagc	tcttactgtt	ggaatgggag	cttgaagtct	780
ggaaaaaagc	cctacggcat	tcgcggtcgc	agccttcagc	acccgctcgt	gccgaattct	840
gggcctatac	gg					852

<210> 8242

<211> 1593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1100)...(779)

<223> similar to gi3820618 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8242

cttctgtgaa	acatggattc	atagtgtctc	ctttgtgcca	ttacagaata	tctcacttat	60
attgaagaat	tgacttctct	tcacagaggt	cttttctctac	tgaaaaactt	ccttaaaaga	120
gaaaaatatt	ctaaatatac	ttctagaaat	gacaatgtct	ttgttgattg	acttagattc	180
agtttatttt	aattacatat	attgtttgat	ctaagtgaag	gttacggcag	gacagaagg	240
tgaaattaaa	aatctgaaag	aaatctttta	taatcttata	tacttaaaaa	agtagtatgc	300
aaactgacag	agaaggtatt	ttattttatt	ataatatcat	tttgtaaaca	atcacactgt	360
gcactttttt	attcaacaat	aagaacaatt	tttttctagg	gatttatagc	aaaccctata	420
taaagtgaat	gacttaatac	acgagtgaag	atcgactagg	gtagaataat	ttctgaaaat	480
gtcaaattac	agcacttgat	acaaagactg	atgataacta	tctgtaccat	aaaaatttac	540
atgccacgaa	aacattaatt	tataatttta	aatatacagt	aaaacatagt	tataaaaaga	600
gtattacatt	tattataaac	cagtgaatta	ctcagagaaa	tattttattaa	aacctactaa	660
aaaccagtaa	atattgcaac	tgaggtaaaa	atttataagt	aaacaaaact	atcattttata	720
aggaccaaga	agtaaacaaa	agggcagaca	ttttctgatg	actgtgtcta	ctccttgata	780
ttttgaagca	gcttcaacaa	atgtgactca	ataacctgtt	gaacacttct	atagcctagg	840
gctacagcta	gatccataga	attatatcca	gagtcagttt	caattgttgg	atcagcccca	900
cttttctaaga	gcatctttac	acattttcaca	tgattttccat	gtacagcata	aagcagaggt	960
gttcctccat	tccaatcata	ttcattttaca	tcaactccac	aatcaagcag	catttttgaca	1020
atatctgtgt	agcctttact	acaggccaac	gacagtgcac	tttctcgacc	ttttcctaaa	1080
agttggggat	cagcaccctg	gtatgggaag	tagagataaa	agactttctca	attagtttaa	1140
acaagaatat	tgttattcct	gtcaacaata	attatagttc	aacactaggc	ctggtaattgt	1200
tctgggctta	ataaagaaat	aatggaaact	tttactcatg	gatgctttta	ttgagattgc	1260
ctggatgcct	tccttctctc	gtcctgtatc	aatcctaatt	atcctttcac	tctggagtca	1320

```

agtcacagct cctccatgaa gccttctcct tcaaagctga cagtacttct gttcccgtgg 1380
gatgtagagg ggtctgggcg ttaaattatt tctcactgtt gcatgtatga ttagtcttgc 1440
cttcccaact agatccaagt tccacaagaa tatgaaaagc attaaacttt ttttggttagc 1500
ctctaccatt atatctagct ggctggatat ataaaaactc tactaaagac ttaacttaag 1560
taactataca tatacathtt ctgaggcatt ttc 1593

```

<210> 8243

<211> 647

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (32)...(292)

<223> similar to gi510991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8243

```

tttcgttggc gctttatagc tacacagtgc tatgccagag ccagcgaagt ctgctcccgc 60
cccgaaaaag ggctccaaga aggcggtgac taaggcgcaa aaaaaagacg gcaagaagcg 120
caagcgcagc cgcaaggaga gctattccat ctatgtgtac aaggttctga agcagggtcca 180
ccctgacacc ggcatttcgt ccaaggccat gggcatcatg aattcgtttg tgaacgacat 240
tttcgagcgc atcgcagggtg gagtggctga aacttctcag caggcgcacg tacactagtg 300
acctgaggag agaaacccta accccacaat ggctgcatct tctctgaaga cgagactgat 360
gctcatcttt gaaatgaagg gcagtgtgtg catttctcca tgaaggatc cagaaacagc 420
catgccagag ctgctgtggg gtggctgaac tgctattcct tttctagggt gggatcccca 480
ctctttgtaa ggaaggatat tggggtcctg acactgggaa ctcactttgt cagtgaggcc 540
ttctttaact gctgtcttgt aattgagcca ccccatctgt gtttcctgtt ccaatttagg 600
actttttttt ttttatcata atataaagat ctgaaatgct aaaaaaa 647

```

<210> 8244

<211> 1674

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1058)...(536)

<223> similar to gi5105604 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8244

```

agattaatth agataaccta gtgggttaata tgctcatgaa catcagcaac aaccgtgcat 60

```

tccttggcag	atgggatgcg	atggaaacca	aaggtttcct	taaggcaagc	acttcacaac	120
tagttttctg	tcaattcttg	cgtaaatac	attctgtatt	catacaaaaa	ctttgttttt	180
ctctgacaaa	ctgtacacat	agaaacaaat	ttccaaatgg	acaggaactt	aaatttgtgg	240
agatgcccc	tgtcttgtga	gacttaaaaa	aaaagaaaaa	gatcccagct	tttatcttca	300
caaaacaaca	tgggagtgtg	ggcaatgagg	gtggacagga	cagggccagc	caggctggta	360
gctggcagca	gtctcttcat	cttgaagacc	tcattgaggg	ttcctgggat	tcagggtccc	420
agaaaagagt	tcagggtctac	aatggtgcag	gcttcctttt	gtttctcttg	gtgagtcac	480
aagaagttct	tacatactgt	ccagagaggc	ctcagggtag	tcagttccag	cttctaccga	540
ccccttccac	caccccgtag	agctcctcgc	ctcggcgggc	cagagttcat	gttactccct	600
ctacccaggt	tactgccact	cgggccccct	cgagaagggg	tgccactgcc	tggagggccc	660
ccaaaagggt	catctctgtg	gtatccatcg	tgggtctctc	cgtctaagga	gctggaacgc	720
ccagatttgg	gcactctctg	agcaggctct	gggccccctc	ggcctttgcc	tcctcgggtct	780
tcagaagggc	ctcctggggc	ctccatctct	ctgtgctcag	aagtgcctgg	gccatcatgc	840
caggggcgct	ttcggggagg	tagggatgac	atgtccatgc	cttggagaga	agaggagcgt	900
tctctgctgg	ctgggggaatg	accgtcgtga	gggggatgat	cagggcgggg	agtatcacga	960
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ccttcaaagc	gagggaaactc	gtcaggagtg	ggaagtaaac	ccttccttcc	tcctcgtggg	1080
gtaccccgac	ctcgacctct	gagatctcgt	cctcgggccc	gcttcctcag	aagcatcaaa	1140
atttctctct	ggaccaaagt	ccttcaggac	cagggaaaacc	atcccttccc	tctgggggga	1200
gcacggccct	catgcctcgg	cggggctcct	cttctgaaac	tttcttctct	gcgcctcga	1260
aaacgtgggt	cctcgggatc	cggggggaaa	cgttcatctc	cgggcctgcg	gccttcccat	1320
gcccccgag	ggcctcgggc	tgcaccccg	ccatccccct	cgtgaattc	cctgtgatca	1380
gggggaaacg	gagggcccag	gccccctcgc	ctccacttct	cttcatgcgg	taaaggtcct	1440
cctcggcccc	caaattcacg	taaccggtgg	ccaaagcgct	tgtcaggggt	gaagtcatct	1500
ggtctgctga	agtcatcggg	gaagtctggg	tgagggccac	gcctatcagg	gggacccttg	1560
cagtctggc	caccccgcaa	aggccccctc	tcggggcccat	gctcaggccc	gccgctctgc	1620
tcattgccgc	tctctgacat	cggggcccatg	tgatgcctcg	tgccaagctt	ggcg	1674

<210> 8245

<211> 3773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(3776)

<223> similar to gi2522208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8245

tttcgtggcc	gcgaggcagg	ggtgagaccg	gcggccaccc	gggagccctc	cgcacccgca	60
ccatgcagaa	gagcgtgcgc	tacaacgagg	ggcacgcctt	gtacctggcc	tttctggcgc	120
gcaaggaggg	caccaagcgc	ggcttccctga	gtaagaagac	ggccgaggcg	agccgctggc	180
acgagaagtg	gttcgcccctc	taccagaatg	tgtcttctta	cttcgagggc	gagcagagct	240
gccgcccggc	gggcatgtac	ctcctggagg	gctgcagctg	cgaacgaacg	cccgcgccac	300
ccagggccgg	cgcggggcag	ggaggcgtcc	gagacgcgct	ggacaagcag	tattacttta	360
ctgttctttt	tggccatgaa	ggtcagaagc	cactggagct	gcgctgtgag	gaggagcagg	420
atggtaaaga	gtggatggag	gccattcacc	aagccagtta	tgcagacatt	tgattgaga	480
gggaagtatt	aatgcagaag	tacattcatc	tagttcagat	cgtagagaca	gaaaaaattg	540
cagctaacca	actccgacat	caacttgaag	atcaagacac	agaaatcgaa	aggcttaaat	600

cagagattat	tgctcttaat	aaaaccaaag	aacgaatgcg	accttaccaa	agcaaccaag	660
aagacgaaga	tccagacatc	aagaagatta	aaaagggtca	gagcttcatg	cgaggatggt	720
tgtgcagaag	gaaatggaag	accatcgtgc	aggattacat	ttgttctcct	catgctgaaa	780
gtatgaggaa	gagaaaaccag	atttgtgttca	ccatgggtgga	ggcagagtca	gagtacgttc	840
accagctcta	catcctgggtc	aatgggtttc	tccggcccct	gcgtatggcc	gccagctcca	900
agaagcccc	catcagccac	gacgacgtca	gcagtatttt	tcttaacagt	gaaacaatca	960
tgtttcttca	tgaaatatatt	catcaaggac	taaaggcaag	gatagcaaac	tggcccactt	1020
taatttttagc	tgatctgttt	gatattttgc	tcccctatgct	gaacatttat	caagaatttg	1080
tgcgtaatca	ccagtacagc	ctgcaagttc	tgcgcaattg	taagcaaaac	agagattttg	1140
acaaactctt	aaaacagtat	gaagccaatc	cagcctgtga	ggggaggatg	ctggagacat	1200
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ccttgctcgg	catggagctg	gcagaacaga	tcacctcct	ggaccatgtc	attttcagaa	3120
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gagaaaccct	taaaaattgt	aacctcctg	cagttcctta	tcttgggatg	tacttgacag	3540
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acagaataga	tcatcagcca	aaggctgcac	agtacttgct	tgacaaagac	cttatcatag	3720
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<210> 8246
<211> 2181
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(556)
<223> similar to gi2739365 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8246
ccccctgggtt cgaacacggc acccgcactg cgcgtcatgg tgcaggcctg gtatatggac      60
gacgccccgg gcgacccgcy gcaacccac cgcgccgacc cgggccgccc agtgggcctg     120
gagcagctgc ggcggctcgg ggtgctctac tggaagctgg atgctgacaa atatgagaat     180
gatccagaat tagaaaagat ccgaagagag aggaactact cctggatgga catcataacc     240
atatgcaaag ataaactacc aaattatgaa gaaaagatta agatgttcta cgaggagcat     300
ttgcacttgg acgatgagat ccgctacatc ctggatggca gtgggtactt cgatgtgagg     360
gacaaggagg accagtggat ccggtatctt atggagaagg gagacatggt gacgctcccc     420
gcgggggatct atcaccgctt cacggtggac gagaagaact acacgaaggc catgcggctg     480
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gggcagtagc tgaaatttct ggcacagacc gcctagcagt gctgcctggg aactaacacg     600
tgcctcgtaa aggtcccaa tgtaatgact gagcagaaaa tcaatcactt tctctttgct     660
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gtaactcaat caagactggt ggggtccatgg ccctgtgtta gttcatgcat tcagttgagt     840
cccaaatgaa agtttcatct cccgaaatgc agttccttag atgcccctct ggacgtgatg     900
ccgcgcctgc cgtgtaagaa ggtgcaatcc tagataacac agctagccag atagaagaca     960
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ttgttaaaat tgccccattt agattccttc tataattgtt cttatagata agtaatttat    1140
atatgagctg tgttagtatt ttttcagtgt gagatctctg gattctttca caataaagct    1200
gttgaatfff aacaggagta ttagtacata aattttctac tcaacaattc cgagatagga    1260
ttatgcctag tttgtcatat cacagaaaaa ctccaagtta acttcatgtt ttggaagggc    1320
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tctgtctcag ttttaggatt aaaataccca ccggtggtgt gatgatgcca tataccgcag    1500
ggcttgcttc tgtcaagtgt gactctatct cagtaattaa aataagtgt gatctactga    1560
ttttttttaa tggattcatt tctaaatggg cattataaat agagcttggt catttttaag    1620
aacgaaacat tcatatgata aactatcgct ttaaattgcc tttcttgctt catataactt    1680
tttctgtca ggatccttag tgtttgaaac tcctcgtcg gggctggcct cctgcggact    1740
ctagtttcgc ctcccttgat tggcgcctgg gatttcttca cttcagagct gtatttttac    1800
aggcaagagt aagttcctgg gcacagtggc tcatgcctgt aatctcagct actcaggagg    1860
ctaagggtggg aggttctta gagcctggga ggtcgaggct gcagtgaagt gtgattgtgg    1920
ccactgcact ccagcctggg tgacagagcg agactctgtc tcaaaaaaga agaaagagta    1980
agagctgagg catataatag aattctgcta aagcacttaa ggtgaaatca cattttcttt    2040
tcccaggatg ttgctcacat ctttcgtttt tattgaggtg tcatttatat acaataaaat    2100
gtactcattt tcagtgttaa a                                     2160
                                                    2181

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<210> 8247
<211> 3967
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(3783)
<223> similar to gi3882339 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8247
gtaattcccc ggtcgacgat ttcgtgacag cagtgaatct gtcagtgaag atgatgagga      60
agaagagaag ggtggcaccc atgtcaatga tgtcttaaac cagcgtgacg cccttgggcg      120
ggtccttgtc aacctaaacc accctccaga ggaggaaaat gtcttccttg cccacagtt      180
ggcacgggct gtgaaacctc atcagattgg cgggatccgg ttcctttacg ataacctagt      240
ggagtctctg gagagggtta agaccagcag tggctttggc tgtattctgg cccacagcat      300
gggtctgggg aaaactttgc aagtgatctc tttcatcgac gtcctcttcc gccacacgcc      360
agccaaaaca gtccttgcca ttgtgccggt taatactctt cagaattggc tggcagagtt      420
caacatgtgg cttccacctc ctgaagccct cccggctgac aacaagcctg aagaagtcca      480
gcctcgggtt tttaaagttc acatcttgaa tgatgagcac aagacgatgg catctcgtgc      540
taaagtgatg gctgattggg tgtcagaggg tggcgtgctg ctgatggggt acgagatgta      600
cagactcctc actctgaaga aatcatttgc cacaggtaga ccgaagaaaa ccaagaagcg      660
ttctcaccca gtcattcatt atctagatga ggaagatcgg cagcaggagt ttcggagaga      720
gtttgagaag gctttatgcc gccctggccc tgatgtagta atctgtgatg agggacaccg      780
catcaaaaac tgccaggcca gcacctcaca ggctctgaag aatatccgct ctgcgccgcc      840
ggtggtgctg actgggtacc ctctgcaaaa caacctcatt gactactggt gcatggtgga      900
ctttgtgcgc ccagacttcc ttggcacccg gcaggagtcc agcaacatgt ttgaacgcc      960
tatcctgaat gggcaatgta ttgacagcac acctcaggac gtccgcctca tgcggtaccg     1020
gagccatgtc ctgcacagtc ttctggaggg ctttgtgcag aggagaggcc aactgtgct     1080
gaagattcat ctccctgcca aggaagaaaa tgtgatccct gtgcggctct ccaagatcca     1140
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ggatagcacc ttggcttcct cgatgggaga ggcaaccaat agcaagttcc tacagggcgt     1440
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ccttctgact aattaccaga ctggagtcct agaaaactct cccaagatgg tactgctttt     1560
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ttccaccttg gctctcatcg aggaattcct tggaaaacga gaagtaccct gtccacctgg     1680
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aaactggcag ccaactttga agggatgatga aaagcctgtg gccagtgttc gtccctgtgca     2460

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gtccaccccc	atccccatga	tgccccggca	tgtcccattg	ggaggaagtg	taagctctgc	2520
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tgtgcagaag	gtgggtcacca	cgacagatat	tgttattcct	ggactcaaca	gctccacaga	2640
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aaaaaaa						3967

<210> 8248

<211> 1856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1807)...(950)

<223> similar to gi3646426 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8248

tttttttttt	ttggcagctc	ccggcattta	ttgattgcag	ccccacaga	gcacactgcc	60
cttcccaggt	ggggtgaagc	ccagcgacca	gggaggcaga	ggatgcagca	tccgcccgt	120
cggactcctt	gtcggggaga	aggccctaag	gaggaaccgc	ggcccgctg	ggccattccc	180
ccagggagcc	aagcgggggg	gcccagggtc	ccgagggacg	caggcacaat	ccctgaagac	240
agagaccgcc	tgctggtgag	tggagaggct	ttggcaaaac	taactgttaa	agccactgca	300
gggcaggcag	cggtgcgcgg	gacctcgggt	gccctcgacc	ctcacccaca	atggctccag	360
aacctctctg	ggccactccc	tcccaggcac	tcgcttggtg	tctgcgttgc	ttgttcatcc	420
caccagctg	cggggtctcg	cggggagttg	cagctgcccg	aggacatgga	aggtctggtt	480
gctctcagca	gacacgaagt	gcagagctag	cacttggggtg	agcaacagcc	aggctgcacc	540
cacactctgc	cacccaagtc	ctcgatggaa	agtgtctggaa	gatgctgctt	tgggcacgg	600
gggcaggagg	cagggataat	acccctcccc	tggcccagga	gaggggagaa	atcagcctct	660

ggtagccct	gttcccctga	ggagctgcca	gcgggagagg	ggcaaggcca	cgcagtgcc	720
agccgggaga	gcctggtagc	cagagcgggg	gtggtgcagc	tacagctgag	aggggacgag	780
gccaggagga	gctcagccag	caggtggggg	gacagcaggg	gcctgctgcg	gaggatgggt	840
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gaacctagcg	tgtctggcct	ggcagcccag	ccattcccac	ggctggtcag	gatggcactt	960
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caaagttagt	gaagatgttg	tcagagaggt	acccggtgct	aaggaccagc	tgcttggcct	1260
ggtcgtagca	ggacagctgg	cccacagtga	ctaaggcccc	tcggctggat	gccatggttg	1320
cacccgagaa	cagtctcctg	agaccctctt	cacgagctac	gcggtacagg	ccatccagcg	1380
catggcgta	gttgcgccc	tgaccctggg	gcagcttcac	gtcgttctgc	atcctgacgt	1440
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tgacgaggg	ggccccgcag	gaggccagcc	ccccgaagta	ccagcgcgac	acgcgcgcct	1800
cggctgccat	ggcccaggag	agcccaatcc	cggccccgacc	acaacccgac	acgaaa	1856

<210> 8249

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (570)...(416)

<223> similar to gi705389 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8249

ggaattcccc	ggtcgacgat	ttcgtagcga	ggcctctttc	cccctcgctc	ccactcagac	60
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ggccctgccc	accaggggt	ttccgagatc	acccctgggtg	aggcggcggtg	ccagtcctt	180
gctttcttac	ttgttctgca	gagcggggag	ctgaggctgc	atgagggaag	actcccgtac	240
cccagcacgg	tggaggggtg	gatggggtca	cgcctgtgcg	acccaggagg	tggccagcag	300
aaggaaacag	tagtgccac	catggtctgc	gtctccccac	cacggattgt	cttggctccg	360
gatttgagac	atggcagggc	cagatgagga	caacttgatg	acagtttaca	gagatggagg	420
cagggtgcca	ggaagccacg	ggggagcccc	cagggcactc	agcagtccag	gcagggctgg	480
gcgtcctggc	aaggagcagg	gaccttctgc	ccaggggtgt	ggccagcctg	tgggtgctgt	540
gtgcaggacc	ccaggaacca	aggccgcagt	ctcttccctc	gtccagcat	cctcccaagg	600
ccacccttgg	ctgcactcag	ccagagagct	ggggcacagg	gacccacag	gtttccctgg	660
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<210> 8250
 <211> 1051
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (942)...(308)
 <223> similar to gi5305429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8250

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cctcactgcc	ctcctggggg	aggcatcctc	caagcagacc	tgagcggccc	cgggctgggg	180
cgggcgatcc	acacacagag	gcgataagag	cacttggaat	cagggcagcc	atgcagcact	240
gccctaggcg	gggatccccc	aaagtctgac	agtttgggca	tcagtggggg	ggcaggtgcc	300
ccctcagctg	cctttatgag	cgcgctcttc	cacgtaaagc	tgcattctta	aaatgtccga	360
cgtcattggt	tttagtggtg	tcagccgggg	gtcatgcatg	tggacatcct	gctcatccgc	420
caggatccag	gggaaatcct	tgatgacctg	gatcttctcc	atgttgcgag	tggcggcttc	480
tctcgtgtgc	accaggactg	tgaagggtaca	gcctgggggg	ttgtgggtcca	ggacggcatc	540
gcacacgctg	atcttcagga	tgaaggcccc	gagcagctgc	tccacatgag	acaacagcga	600
gtctgagctg	atggacagca	gtggaggctg	ggtgatctca	aagacgaatt	tctccactgg	660
gcggtgctct	ttatccaaaa	tcaccaccac	cactttctcc	acatcattct	tctccaggag	720
tggcttgacg	cagtcgacg	tgtcctggat	atactgattc	agctccgggt	ggcaggacat	780
ctggaccggc	acgttgact	tcttgcggtt	ctggaagatg	cccacggggg	agacctcgcg	840
cacgtagagg	atgagatgca	cagccacctc	caggaactcg	cagagcacat	cggccaccac	900
ttggccaaag	ttgaggtctt	gtcgtgtgag	cgtggtcatc	cttcccgeta	cgggctctgc	960
gctcgggtcc	cgcccagat	cgggcccggc	cccgcgcgg	ggagccaccg	accggaccga	1020
tcgcgcctcc	cgctcaacct	ggggcacgaa	a			1051

<210> 8251
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (355)...(79)
 <223> similar to gi441159 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8251

ggtgtgtatt	ccccctcag	tgcgggggga	attgtgaaag	cgttgataag	agtggcactc	60
tccagtatta	tacttctaag	ggcactcttt	ctgtttcccc	tcaccaggt	gagcttcagg	120
tagtggcgcc	atctccccct	cctccttctc	ctccttcccc	tccttctcct	cttctctctc	180
ctgtggctcc	gccctgacct	cctctgacat	tttctgtggt	gactcctggg	ggcctctggc	240

ttcctcctgc	gggggtgaag	gtctgggtgc	agtgtcgggg	ccctgggagc	tggctggagg	300
tgcactgggt	gcagaagtag	tgggggtggc	cggcagaggg	tttccggagg	gctccagggtg	360
actcctgtac	tgcagccagt	tgcggccgaa	ccgttcccgg	aagctgctca	tgagctccag	420
ctccgggtgc	tgctgcacga	accatccagc	cggagagggg	ttcagagttc	ggggctccgg	480
gtccgtatca	ctgggttcag	agatgcttgc	ccgcctcaca	eggactcggc	tctgaggttg	540
gtggagggag	aagttctgtg	aaagccaagc	ctccagccct	gccatccacg	gctggccatc	600
caaccttgac	cttatgaagc	aggggctggg	tcacaacacc	ccctgaggag	aggctgtcac	660
tcaggtcagg	gccacctgag	gtttcaggag	tactccccac	tggccagggc	aaag	714

<210> 8252

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (582)...(200)

<223> similar to gi4323233 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8252

aatacagggtg	gcattgaggt	gaaataatct	cctggcaatg	ttggagacta	gattgctgaa	60
agagaagtgg	atcttggcat	tttcacctat	gtcagcatct	gtggcatgga	gctgtgtcac	120
tgaagtgcct	acaggagcat	tttctgggtat	actgacttca	atctctgtct	ccttaaagac	180
tgggtgggtg	tcatttgtat	cagtaacact	cacttgcaaa	atagcagtac	tggatctttg	240
aggaaaagcca	ccatcttcaa	cctttacttt	catcacgtag	gtatccttct	cttccctatc	300
taactccttt	tgaacaatca	gttgtggcat	cttgtctcct	cctgggtgtt	caatgacatc	360
gaggccaaaa	atgtttttgac	tcttaattag	ttcgtagttt	tgaactccgt	ttattcctac	420
gtcaggatca	acagccgctg	ggagagtata	tttagagttt	atagccgagt	tctctggaat	480
tgatatgttg	ataactgttg	ctgggaacaa	tgggtgcatta	tcatttatat	cttctatcag	540
aaaacgtatc	ttaaccagtc	taaatatttc	atccggcaaa	atggcaacct	ccacttcata	600
aaagcaatgc	tcatcccttg	ggataccagc	acataatttc	tcacgatcaa	tgcgagcgcc	660
agtagtgaag	atctcaccag	tatcctcttc	aattcgaatc	agtggcacat	ct	712

<210> 8253

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (212)...(561)

<223> similar to gi5059156 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8253
gggcgactcc caggcgcggc ggtacctcac ggtggtgagg gtcacaggga tgcagcactc      60
ccagtagacc aggagctccg ggaggcaggg ccggccccac gtcctctgcg caccaccctg     120
agttggatcc tctgtgcgcc acccctgagt tggatccagg gctagctgct gttgacctcc     180
ccactcccac gctgccctcc tgccctgcagc catgacgccc ctgctcaccg tgatcctggg     240
ggtcctcatg ggcttacctc tggcccaggc cttggactgc cacgtgtgtg cctacaacgg     300
agacaactgc ttcaacccca tgcgctgccc ggctatgggt gcctactgca tgaccacgcg     360
cacctactac acccccacca ggatgaaggt cagtaagtcc tgcgtgcccc gctgcttcga     420
gactgtgtat gatggctact ccaagcacgc gtccaccacc tctgctgcc agtacgacct     480
ctgcaacggc accggccttg ccaccccggc caccctggcc ctggcccca tcctcctggc     540
caccctttgg ggtctcctct aaagcccccg aggcagacc actcaagaac aaagctctcg     600
agacacaatg ttacaccgtg ggactcagct gaccctgcct caccctccac actccttgcg     660
acctcatgag ccatgcgcag ggtggttggt ctgttcaaat aaagggacgt gttttccaca     720
ctgaaaaaaa aaa                                     733

```

```

<210> 8254
<211> 1703
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1704)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1521)...(304)
<223> similar to gi3043694 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8254
tttttttttt ttccaagata gaaaatggat tcaattttta ttaaataatg taaaggattt      60
tctttggcac ttattcacat tctcttgnct ctgagtaaaa aaacgccgcg tttatctgca     120
ttggtagcag agggaaagct actggagcaa acgctaagtg aatgggttcc cgtgccgagg     180
gtgtcctcat tcttgggctc tgtcaggcct ccccttgtct gcaggactgg gacaggccac     240
cctccccagg cctgcccctt gccgcgagcg tgctcctcca tacagacaac agccttgcgt     300
ggtcacctgg aggagctgcg ctctttgctg acacagtcgt cctgggagggt ggtgtccccg     360
tttcccacca tgctgcacgt cctcctcttc ttccctgcgt gcactgtccc atcgccctcg     420
gatccagact cgcactctga gtccggagtct gacgaactgg agctggagga gctggaagag     480
tcgctggagc tgcgggaagc tatccctgtg gactcctgaa ggtcaaccga gtctgcgagg     540
actgccaaat cggggtgctc ttgcttcaaa atcctatacc atttccttga taactttggt     600
ctccctctta ccgtcttgtg ccataaccaca gggaagttgg tgctgtctggc aaaattttgg     660
gtgatggcga tagtagtgc gagattgagg acaacatgcc accagcctcc tggtaacaaag     720
acagtctctc ctgggttttg taagatttcc aggggtttga attcaggtgg ccaggttgga     780
agctgtgtcc ggggataaat aacattaaac caggtaatag cttcgtcttg ctgggtccct     840
ccttcgtctc gggtcacttt gatgagttcc ctgggagtgct tggtaggaaa caggcaccag     900
cgcttgtggc cctgaactaa ggcattccag gcactggttc ccagagggtc gatgtgaatc     960

```

ccagttccgg	agcgtggtgg	ccccatcaca	aaccacctgt	aagggggcct	gcgcttctcc	1020
ccagcatact	ggaaaagggtc	atcagtga	aactttggca	ccttgtagtc	ttccaaaagt	1080
ttccttcttt	taggggtgttc	accatagctg	ctgtcaaaga	tgtaaagggg	actatcatct	1140
cgagtgtctt	ccatgtactc	gatgtagtat	ttcatcttca	tcttctactga	gtagccatcg	1200
ttatcctcac	cacacttgaa	cttctgggtc	cgatatttcc	tttttagggc	ctccagagtc	1260
catttctcct	gcgcagacca	gccctcttgc	gcattcaaca	aaaccacggg	cttgtaaggt	1320
ctttcatacc	gtccacaaaa	ttcttccaca	gacagctgta	aagcatctgc	cctttccacg	1380
ttatccgcca	cgcccgccgg	gctcagcgag	aagctctcgt	agtagttgtg	ccgggtccaa	1440
tccagcgagt	ccttgagctc	cgcccgcgca	ctccgcttgg	cctcgcggat	gcgcttcttg	1500
ctcttggtgt	tattctgctg	gggtcgccag	ctggttccgc	tacgacctcg	gcgcagcccg	1560
cttcctgaca	ctaacgcacc	cctccccggc	ctgggcggcg	gcgacggcag	tacccaaacg	1620
cccttcgctc	agtccccggc	cctttaaaagt	cgccttccaa	aaaattcact	ccccagccac	1680
ctccccgagc	tcgggttggg	caa				1703

<210> 8255

<211> 1605

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (96)...(1092)

<223> similar to gi726373 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8255

atgtggaagc	gctcgcgcag	gagacccccg	gtgacggggc	ccggcgccgc	taactggagc	60
gaaccccgagc	gtccgcccag	atggcctgga	ccaagtacca	gctgttcctg	gccgggctca	120
tgcttggttac	cggtcccatc	aacacgctct	cggcaaaatg	ggcggaacaat	ttcatggccg	180
agggctgtgg	aggagcaag	gagcacagct	tccagcatcc	cttcctccag	gcagtgggca	240
tgttcctggg	agaattctcc	tgcttggtg	ccttctacct	cctccgatgc	agagctgcag	300
ggcaatcaga	ctccagcgta	gacccccagc	agcccttcaa	ccctcttctt	ttctgcccc	360
cagcgctctg	tgacatgaca	gggaccagcc	tcatgtatgt	ggctctgaac	atgaccagtg	420
cctccagctt	ccagatgctg	cgggggtgcag	tgatcatatt	cactggcctg	ttctcggtgg	480
ccttcctggg	ccggaggctg	gtgctgagcc	agtggctggg	catcctagcc	accatcgccg	540
ggctggtgg	cgtgggcctg	gctgacctcc	tgagcaagca	cgacagtcag	cacaagctca	600
gcgaagtgat	cacaggggac	ctgttgatca	tcatggccca	gatcatcggt	gccatccaga	660
tggtgctaga	ggagaagttc	gtctacaaac	acaatgtgca	cccactgcgg	gcagttggca	720
ctgagggcct	ctttggcttt	gtgatcctct	cctgctgct	ggtgcccattg	tactacatcc	780
ccgcggctc	cttcagcgga	aaccctcgtg	ggacactgga	ggatgcattg	gacgccttct	840
gccagggtggg	ccagcagccg	ctcattgccg	tggcactgct	gggcaacatc	agcagcattg	900
ccttcctcaa	cttcgcaggc	atcagcgctc	ccaaggaact	gagcgccacc	acccgcattg	960
tggtggacag	cttgccgacc	gttgctcatct	gggactgag	cctggcactg	ggctgggagg	1020
ccttccatgc	actgcagatc	cttggtctcc	tcatactcct	tataggcact	gccctctaca	1080
atgggctaca	cggtccgctg	ctgggcccgc	tgtccagggg	ccggcccctg	gcagaggaga	1140
gcgagcagga	gagactgctg	ggtggcacc	gcactcccat	caatgatgcc	agctgaggtt	1200
ccctggaggc	ttctactgcc	acccgggtgc	tccttctccc	tgagactgag	gccacacagg	1260
ctggtggggc	ccgaatgccc	tatccccaa	gcctcacctc	gtcccctccc	tgacaaccc	1320
ccagggcagc	tgctgccaca	gaagataaca	acacccaagt	cctctttttc	tcactaccac	1380
ctgcagggtg	gtgttaccca	gccccacaa	gcctgagtg	agtggcagac	ctcagctctc	1440

tggacccctc	ctacagcact	agagctaaat	catgaagttg	aattgtagga	atttaccacc	1500
gtagtgtatc	tgaatcataa	actagattat	catagttatc	tagtttatga	gtcataagct	1560
agatttgatt	cttcaaagaa	gaaaagtcag	tgagcaaatt	taaaa		1605

<210> 8256
 <211> 1076
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (761)...(348)
 <223> similar to gi4929755 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8256	
tttttttttt	ttcatagtgt aattttctttt aatgtatagg attgtttcca actcatcagg 60
tctgggtgcaa	attctgtcaa cgaatttaaa catggaaaca tccgggctgc cttccctga 120
aataatccca	gggcaaagag cagtagtgag tgattcttct cttttctcgg gttcactttg 180
acctgaagca	agttgctatc ttcggagagt atgtatggac cccaacagaa tggggcccag 240
gggtcttcat	cccttataaa tcctggactg tatcaaaggg aaggcctcgg taattcgtgc 300
tcacccagcc	cattcggatc ctggtcctcc ctctcttggg gttcaggggg ttcttagagt 360
tttcttggtc	ccacccaggc atgggggggct agtgtccagc tgagagttct ctctccactg 420
ggcggggggtc	cgtgcctgga tggccagcgc atggaccgga cctgccagct cctcggccag 480
cgctgcgtgg	accagccggt gtcgttgtag ggggctcagt ccctcgaaac gagagctcac 540
cacagccacg	cgggaagtga tctcactgcc aggcgggacc gcgtggccac cgctctcgtt 600
gcgaagctct	agcacctcgg ggctcagggc ctctccaac ttcgtgcgaa tggcggcctc 660
caccggaccg	atggccccgg atccccgct gccctggcac aaacaaacgc ggccagccat 720
ggagaccaga	cccaggacca gccgcccact cagcatgggc tacgccagag actcagacgc 780
caggagtga	ggtcggggcg atccgcctgg tgagagcaca atgtcaacac ccgccccgcg 840
atccccgcat	ccgccctaac cccacgcccg gacgtccaca ccagctccta tagggagccc 900
gccttgatgc	cacacgggga gacccgagac accgcccctt ttctctacgt gacgtggtga 960
attcgacctc	cagttgtggt tgggcccgaag cccctgtgtt ccctgtgaag ccccgagagc 1020
gcccccttcta	cctgccgctc agcctcggcc actgcgattc ccgctcaggg ccagga 1076

<210> 8257
 <211> 2247
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2181)...(1581)
 <223> similar to gi213414 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8257
tttttttttt tgggattttg atcacatgaa acacttttatt tattacagca ttgttttaac 60
tcccttataa ccaagattat ccatatttat tgcaaaagca acaatatcaa agaatgcttt 120
aaaatgcaat taaatttggt taatatagat aaactataag taataagatt gttttcatta 180
taatataggt gtcacacatt tctcctggta actaagaaag ataaatgggc agataaaaca 240
taacagtaga agcatctaga atagtaaatt ttattactgg aagtctctcc ctacgaatgg 300
acaaactcaa ccacattcaa cacataagga aaccagggac aagagaggct ggcattcttc 360
actctacgaa tacttagggc actgactatg tgccaggcac ttgctttgtg ctagggatat 420
aaaattaaac atacaaggta cccgtaccca aggagctcac agccaagata atggatgagt 480
gtcctgaaag cagaaattat cacacagctt aataattatt gtgagaaatg catgctcaag 540
atgcaagggtg caactcatcc aggcttggga gcaactcttg tgaatgagct gacctggaag 600
gagatgcaga agtcagacag agaggttatg aagcagcgtt ctaggaaggc caaagtgcgg 660
gcaagcccag tgcatttaat gaccaaagga gtgacagtac gagggaaact tagtctggg 720
tttaggagac aatagtctcc tgactccctg ttcagtgccta ttttagaata ctgcctgtgt 780
attgacaagt ctgtgaagat tcagcacata catcaatact cttgcataga aaaaaaagaa 840
gcttacatgg ctctgtgctat gccagtgtag acattaggat tctctaaact gccttgctca 900
aaatgtttct ttagaggaat aattacttcc tatttttagct tttcatttcc ttctaaatgt 960
ttatatcaat tgggccatgc cataaaattc ttaagtctgg aagggattta agttatcatt 1020
tttttgcaa ccaagggagt gcagggacag ggtggagtag ggctcagtgg gagcaatgcc 1080
cacctgggtg cagcaataaa gggggcattc tctgcaggga atttaagaat taataataaa 1140
attgaccaa atcactctgc tttttattat cactaattct gaataatgtc aacaataaat 1200
acttgctgcc aaggcaaact tctcttactg acccttccct atgtgcatgg cactgcatta 1260
tgtgtatacc cgtgcatgca gaaaaccagc cctgaacagg cattagaaat acccaaagt 1320
tccatattag ccatctagtc agttcatatg gccacaccct cgccattcaa ttttcttctg 1380
taaacagagc ttgagtagtc aaaatcagac acatcaaacc cccacatcaa tgtgcatctt 1440
cctaaaatta tattttctct caattagcat tcacatcttg actagtctca tatccatctc 1500
cagctggggc cgcagggggc tgacatccga tgctgccgct tccctatgca caggctcacc 1560
aggagcagtc ttcgctcatc ttctccagtt gggccatctg gcacgtgctt ggaggggtaa 1620
acaccgaggg gtctttaata cccagctgga tgtcaaaaaa ccgcgtagac aatatcacac 1680
tgtagtttat ggtaaagggt tcttgagacag gatagcaatc cttgactgta tagatgccaa 1740
tccaggtttc ataggatcta gctgactttc tgtccgacca ctcttgacg gtgatctgct 1800
cctgagggccc cccaatggag tactgggtct caaagggtgga gttttgagga atgtcaagag 1860
gatcccaggg ctgtgtcagg gtcatctttg agcactgctt ggtggcttgg tcaatctgaa 1920
acatcactcc atccttatac agcaaaaatat attcaataaa tctcttgag gggatcagcg 1980
ccttctctc gtccagcacc cgcacgcgct ggttgagccc gtcgtaggag agcagggcgc 2040
ggctgttgcg ccgctactt tgctggtaca taacctggcg cccctccac tgctgcgcg 2100
cctggcacgg gcgcggggct cccaccgccc ccaggctgca caggccgcac aggggtccagg 2160
cccagaggcc gccagcagc caggcaccca gggcgcccgg gacgggtgcgg aggggagcgc 2220
gataaagaaa tcgcggtcag ccttccc 2247

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<210> 8258

<211> 4177

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3922)...(1926)

<223> similar to gi3327138 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8258

tttttttttt	ttgtacaaaa	cctggaaaata	tttttacttt	tttaaaactt	tgatctaagt	60
tgcttagac	ctcatggact	cgatacaaga	gtaaatatga	attgggaaat	aaaaccactt	120
taatagccac	gataaaacttt	gttagaaaatg	tacatgttgc	caaaataata	ataataaaat	180
taaaaaaaaag	agagagagag	aacagcttga	tgtccagggt	agattatata	aatgttcaac	240
aagggcaggg	taaaggaaac	tttaaaaaaca	ccagttctga	ataagcctgg	ggccccgtga	300
gactccccct	ctcccaccca	gtctcggggc	ctagggactg	cgcccccca	aacaggacaa	360
gtgggagtgg	ataaggcctc	caccaagctg	cctctcccag	tggacaaaaa	catccaggta	420
atgggtatat	aaacaaaagct	cataagaaat	gtacaaatat	aaaaagctac	aaacattaat	480
aaattacagc	atcacaaaac	acggaaaacac	ttcacaaaggt	gctagtataaa	taactgtatc	540
ccccaatccc	ctcatcatat	aaggaaaaaca	aagagctggg	attaaagtgtg	aagattcatc	600
ttcaaaatgt	gtctgaaata	gatcttttgt	gtactatttg	cttctgtaaa	gacagagtgt	660
aaggctgcac	agacatcact	tgtttttcag	gcaatacctt	agttcttaaa	agaaaaaaat	720
aataataata	aaaggaaaagg	agaaggaaaa	agcatcagaa	cccaactgtc	catctgactc	780
agcaaaaaac	tcgtataaat	gttaatgaag	aactctatag	aaagaaattc	ctaaagatac	840
ttttactctt	ataaaaaaga	agttatttaa	aaagctattt	acacgtaca	ttctatgaaa	900
aatatgcttc	aggaaataca	tctaaaatta	aaatacagga	ttgcctgaga	aacaaatcca	960
gcccctccgt	gtcgatgggtg	gacacacccat	ccaggtacga	cccatgcagg	cgacaccaca	1020
cgctgacacg	ggagaacaga	gaagtgccga	ccgtaagtcc	tcgggcccgc	tggccactgt	1080
ccctgccccct	gcccctgccc	tgccagtcctc	agggcagggg	tgccctgggt	gagaagtgtc	1140
tctccagagt	gtggccagca	gggcaagacg	gtccctgcca	catggcttag	cctgggcctc	1200
ccagacccca	agatgtgggt	gagcccttgc	cctttcctgg	ggaccccaca	atggctcccc	1260
tgcccgctaa	cacaccaacc	cagctgccag	tcttagctgc	ccccagaaa	tgctcctggg	1320
cattcaggct	gaacacccac	catcctgctg	ccacctgcca	accagaaagc	tcggggcgaga	1380
cccttcctca	cccgcgagc	actgtctgga	cttggtgag	aatcactcag	gaagagaagg	1440
ggggacataa	acatcccact	tgtcctcct	ctttctgtgt	tctttgcctt	tttttttaag	1500
cccctggagg	ctgccagcct	gtggccagct	ctgactctgg	ggctggtgag	cattggctca	1560
ctctgtcttc	cttgaaggac	tcatgtcttc	agcagagctc	cagaggccct	gcaatcacac	1620
ccacgctcag	gggctgtgaa	ggctgtcctt	aaagtggaat	aagcgtcct	caaatctgca	1680
gggcccgttt	tctgggacag	atcactctta	gcaacttgag	aaaagacgtc	cattttcaaa	1740
ttgagggggc	acgctgggct	cgctctgccg	gctgaaggga	cagacgcttg	ttggggagat	1800
ggcagccggg	aagaggcaag	gcccctccctg	gtgaggcgag	tcggcaccct	cctgggaggc	1860
agatgttttc	gcggggctcc	gggggtcctg	agcggagcag	aaggatcctg	gctttccaaa	1920
tcttaaagga	gtagtttccc	gttccgatga	attttcaaaa	ttttcccaag	cctctgcttg	1980
gcggtcgcca	tgcccttttt	cgtacgtttt	cctttggcag	cggtgttgtt	gtttggagac	2040
gatgcggagg	gcccctctctg	tgtgagaaa	accccagggg	ccatgggctg	ggaggtgcgg	2100
ccagcctggg	ccccgggtgaa	ggtgccagcg	gctgtgtact	catggtccgc	caggctgctg	2160
ctatgcgact	caggcggggg	ctctggcgag	ctgccctcct	gcgaggcctg	gctgctggcc	2220
gtgctggtgg	aggccggggg	ggtggaggcc	ggtgtggtgg	aggcaggggt	ggtagaggct	2280
ggcgtggtgg	aggtggagggt	ggtgccggca	gagatggagg	tggaggtgga	aggggagggtg	2340
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tgggacaact	tagctgcagc	agccgccagc	ccggtctcga	tggaagccac	ccgtgtaccc	2460
tcacgcacag	gctgtcctg	tcttggcacc	gatgggccga	cccttgctgt	tgggctgtag	2520
ggagcgtcgt	ctgagccttt	ccttttcttc	gaccgggact	taaagatggg	gttgtcttca	2580
tctgactcca	gtgaggggta	aacgtagtct	gagtccttga	agcaggcatc	cagggtggctc	2640
tgtcttctct	cgtagtctgc	caggctcgaca	ctgttcttgg	cagccctctt	cagcagtcgt	2700
ttgctctcac	tcttgccact	gccaccccca	ttcttccggg	caccatgggc	agccagcgag	2760
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gtgtcgatgt	gcagcgaacc	ctcgtccgag	gagtcatcac	tctgcttgta	cgctgccgag	3060
tccagctttg	gcttcgtgac	aggcgtgggc	agcacagcct	tcttatccaa	caagaaggac	3120

aagtcctttt	tcggggcggt	tttcttcctc	ctgatgggaa	actcgtcgat	cttgagctca	3180
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agggattgag	gcgggggtgg	ctcaatggga	gacgggggct	cctccttctc	ccggtccccg	3840
tcacacacct	catctgacga	ggcgacagta	ttcacttccg	gtcggacggc	tttggaggca	3900
ttctgggata	cagaaaggag	agggtcacat	gctgcttctg	ccaaactgtg	gcccaggacg	3960
gtccacacac	caggatgctg	gagacactca	gtgccaggct	ggcggggaac	tatcagccca	4020
gaaaggctca	gctacccac	accatcatgt	gacacactca	cacccaaccc	atgctattgt	4080
gtgacacact	cacacctgcg	acatgccatg	agtcacttgc	tctcccgaag	gctcttctgt	4140
cctaccccag	cacagcggct	gagggctcat	ccaggaa			4177

<210> 8259

<211> 946

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (84)...(547)

<223> similar to gi31140 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8259

cgctctacgg	tgggcccag	ctcgtgttcc	ccgaggccat	gaaccacccc	gcgctgaccg	60
tgcacccggc	gcaccagctg	ggcgcctccc	cgctgcagcc	cccgcactcc	ttcttcggcg	120
cccagcaccg	ggaccctctc	catttctacc	cctgggtcct	gcggaaccgc	ttcttcggcc	180
accgcttcca	ggccagcgac	gtgccccagg	acgggctgct	tctgcacggc	cccttcgcac	240
gcaagcccaa	gcggatccgc	acggccttct	cgccctcgca	gctgctgcgg	ctggagcgcg	300
ccttcgagaa	gaaccactac	gtggtgggcg	ccgagcggaa	gcagctggcc	ggcagtctca	360
gcctctccga	gacgcagggt	aagggtggtg	tccagaaccg	gaggacaaag	tacaaacggc	420
agaagctgga	ggaggaaggg	cctgagtcgg	agcagaagga	gaagggtccc	catcacatca	480
accggtggcg	cattgccacg	aagcaggcca	atggggagga	catcgatgtc	acctccaatg	540
actaggggtg	gcaaccacaa	accacagagg	gcagagtgtc	gcttgctgct	ggccaggccc	600
ctgcgtgggc	ccaagctgga	ctctggccac	tccttgccca	ggctttgggg	aggcctggag	660
tcattggcccc	acagggcttg	aagcccgggg	ccgccattga	cagagggaca	agcaatgggc	720
tggctgaggg	ctgggaccac	ttggccttct	cctcggagag	cctgcctgcc	tgggcggggc	780
cgcccgccac	cgcagcctcc	cagctgctct	ccctgtctcc	aacctccctt	ttgttttgat	840
gcatttctgt	tttaatttat	tttccaggca	ccactgtagt	ttagtgatcc	ccagtgtccc	900
ccttcacctat	gggaataata	aaagtctctc	tcttaatgac	acgggc		946


```

<210> 8260
<211> 2224
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1640)...(415)
<223> similar to gil63449 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8260
tttttttttt ttgcagtttt taaaaaccta aatattttatt tatttgcatt atatttacia 60
aggtgggaag gagaccaaag gagaccccaa gaacaccccc acacctggct gaccaggccc 120
cttgactgc agaggaggca gacacagctg ggaaggaaca ggatttatgt tgcatacttg 180
aactacagcg agtgaagac tggctctatt tacagggcag aaacactgca ggtggagcgc 240
gggggtggca ggggtgggcac cagagtcctg gccaaaggta cccttgcctg ccatcttccc 300
cacctctccc agatgcatct ctgaggcccc gctgggattc tccgggggga acgaggacca 360
ctcacatgat gctcgctggg gtgaagacag ggcccacgca cagggtgtct gtgatctccc 420
agccgcagga cagaggcttg cacacaccct ccacgtcatc ctctgttct gcagccatca 480
gctgccttcg cagcgcttcc caggccaccc gggacatggc atagggtgat tggcaggcct 540
gggtcccca aaagggggaa cccatgcccc cagtgtaggc gcccatgttg tcaaagacca 600
gccagtcccc tacgtgtagt tgcggcagcc acaggccctc agccacgcaa tcacagccat 660
caaccgccgg gcccacaggg ctgctgctgt acaggggctg ctccgtggat ggtttcttct 720
gcaggatggg ggtagggcag atgttgtcaa acaggactga gttgaagatc ccatacacgc 780
cctcatcaag gtggtacacg atggtcttgg aggtggaacc attttcctcc tcctgcccag 840
gctggtctag cagaacctcc ttcttggcaa tgatgctgac tgccacagtg aaggccgagg 900
tcacgtagta gcgccccagc tcagcaaaga tgtccacgcc acagccctct gggaagtaca 960
ggtccaaggc tgagttgatc acggaagcaa tctcttcaaa tctcactttg gccccttctg 1020
tgccaggga gccaccacca aggtccagaa cgtgcatctt gtgaccagc tcggtgcca 1080
tttcaaacac gagccgggcg tctgcatgg actgagcata ggctgaggg tcaggacagc 1140
cactgccaat gtgaaaactc acaccacca cctccacatg gtgcttcttc gcattttcaa 1200
gcagggtgtc gcaggatttc agtgacactc caaactttag gctcaggcag ctcaggaggt 1260
gggagtcac ggtagcaatg cacagaacca tcttggcact ggggtggctc tttaccacct 1320
ttgccagctc catctcattg tcaaagctca gcagctggat cccatgcttg gcagcatatt 1380
tgatctgtgc aatttgctta caggggttgg cgcagatgat cttactggca gggattccaa 1440
tatgctggac caactccatc tctgccttgt tggcacagct aaagcccagc cccagctggg 1500
ccagaacctt cagcacacct gggctgctgt tgcacttgac agcataaaaag ggccggactc 1560
gtggcaggca cttcagaaag caaaagtgtc tcctcactat ggcacccagg tcagccacga 1620
agaaggcagc tacctcgta agtccattca gcagatgtta gatggcagtt tctacaaggt 1680
gcaatgcagg ggcattggaga aagaaaatag aaaatctgcc tggggcgatc aggaaaggca 1740
aactgatga gaagcaagga atgacgtggg ggctgtgag gccccagag tgagttcctt 1800
cagcaggctc cgggtactga agccctctc caccatcaca aagtccgatt cactcaggta 1860
gccagccatg ccttgcaagg ggagctgacg ggctggatgg agccgctgct gcagccgccg 1920
ccttagaaaag tatgcaacac acaaactccg tcctccttcg cggggggccag agccaggcgc 1980
gctgctaggg ggggtcgccg gtgacctcga aacttgtgca acaccccgag gaggagtggc 2040
agttgcggag ccgagggcctc tgcttaaaac gcatttacac ggcttcggcc cataggtctc 2100
cccagggagt gaatcggatc ctcggcgcct ccgctctctc gcttccccgg gctcgggtcc 2160
cgcggcctgc gccccgccag cccagcagac gaaatcgctc acccgatgaac tcaagagcgg 2220
tcgc 2224

```

```

<210> 8261
<211> 1577
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(922)
<223> similar to gil79967 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8261
cgtacccagc gtggtggaat tccaccgagc agggaggttg cgcacgtccg ggtgtgagtc      60
gtgggagccc gtttcttttt tccatcctcc tgggctgacg cggaagagag gtccttcacg      120
ctgcctcagt tgccttagga ctacagaaa gggagaagag gcagaaggcc cctcgcattg      180
gcacaagctg tatcccattg cccagggaga tcgccaatca cccatcaata tcatctccag      240
ccaggctgtg tactctccca gctgcaacc actggagctt tctatgagg cctgcatgtc      300
cctcagcatc accaacaatg gccactctgt ccaggtagac ttcaatgaca gcgatgaccg      360
aaccgtggtg actggggggc ccctggaagg gccctaccgc ctcaagcagt ttcacttcca      420
ctggggcaag aagcacgatg tgggttctga gcacacggtg gacggcaagt ccttccccag      480
cgagctgcat ctggttcact ggaatgccaa gaagtacagc acttttgggg aggcggcctc      540
agcacctgat ggcctggctg tggttggtgt ttttttggag acaggagacg agcacccccag      600
catgaatcgt ctgacagatg cgctctacat ggtccggttc aagggcacca aagcccagtt      660
cagctgcttc aaccccaggt gcctcctgcc tgccagccgg cactactgga cctaccgggg      720
ctctctgacg actccccac tcagtgaag tgtcacctgg attgtgctcc gggagcccat      780
ctgcatctct gaaaggcaga tggggaagtt ccggagcctg ctttttacct cggaggacga      840
tgagaggatc cacatggtga acaacttccg gccaccacag ccaactgaagg gccgcgtggt      900
aaaggcctcc ttccgggect gagctgccc tctgcctagc cggccactag ggcaccatct      960
tctcaagggc ttccatgtca gcagacacca aaccatctga ggcttcctcc ctggggggtg     1020
ctggggaccc tccttcagcc agtttgctcc ttggtcacc tggaggcttc tggatgggac     1080
ccttgagtct ggggcaccct tcagctgccc tgggacagga aggacaggag ctaagcaggg     1140
tccaagcctg gggctgcctc tgctctccaa gacccaaaga ccctgggaac ctctctggt     1200
cttccccact ggcagtggca gcagccccac cccgagcgca cactgtgatg gaggagactg     1260
agctccctgg ggcgggcagc tgacactacc agagagactc aagcaataat tagagggtgg     1320
cagagctgcc ctctcgcat tacctcttct gcaggctctg ccatgcacgc acctcactgc     1380
caggccatta aaatcagcac ccagcatgct ggaggtgacg tggccttctc cctccagcca     1440
cctgtgccca cgggcaggcc ctggctatag cttatacagt atctcccctt gtccccaccc     1500
agtcaccaaa gccacctaca tgacagtcca tcctgttga attaataaat taatgtatcc     1560
atgcaacaaa aaaaaaa                                1577

```

```

<210> 8262
<211> 661
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (100)...(398)

<223> similar to gi2062678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8262

```
ctgcactcca agtatctagc tcctgcacta tgctctcagc cagggatgat gcgctgctgc      60
cgccgcccgt gctgctgccc gcaaccaccc catgccctga ggccgttgct gttgctgccc     120
ctcgtccctt tacctcccct ggcagcagct gcagcgggcc caaacccgat tgacaccata     180
taccagggct tcgccagagt tctcatccgc ttgggggaca gcatggggcc cggagggcag     240
ctggagacca tctgcaggtc ttggaatgac ttccatgcct gtgcctctca ggtcctgtca     300
ggctgtccgg aggaggcagc tgcagtgtgg gaatcactac agcaagaagc tcgccaggcc     360
ccccgtccga ataacttgca cactctgtgc ggtgccccgg tgcattgttc ggagcgcggc     420
acaggctccg aaaccaacca ggagacgctg cgggctacag cgctgcact ccccatggcc     480
cctgcgcccc cactgctggc ggctgctctg gctctggcct acctcctgag gcctctggcc     540
tagcttggtg gggtgggtag cagcgcgccg acctccagcc ctgctctggc ggtggtgtgc     600
caggctctgc agagcgcagc agggcttttc attaaaggta tttatattg taaaaaaaaa     660
a                                                                                   661
```

<210> 8263

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (550)...(191)

<223> similar to gi2634964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8263

```
tttttttttt ttgaaggaaa taagaggagg ttccccctcgt acgttcattc tgtttattta      60
tttgtgtgcg caccgggctc cccgcagcct ccacccctcc cgcgtcccgc tttcagaaag     120
gaacgcggcc ctcagctccc tccggaagag gccccggggt caggggctgc agccgggtcc     180
ccgtgcgtcg gccagctcg tccagcaccg ctttctcctt ctggaacatc tgctgccact     240
ctgcctccgt gccgtgtgtg aatcccagca agtgacagag tccgtgggtg gccgtcacag     300
tcaggacgtc attgtaatct tcattttctt tacactgatg gaagatatac tccactccta     360
ggaaaatgtc tcccaaattg tagtcatctg gaaaatcagg ctgggggaaat tcacctgctt     420
tcagatgtc atgaaatgga aaagaaagca catcggttg gacatttcta tctctgtaga     480
ttctattaat gtgctgaata ttcttggtgt caacacagat gatccccagg tcaaatttct     540
gcactcctaa aatcctcctt acaatctcga tcttactgcg aagtggcgct ctctgatgg     600
ggatgactcg ctgcagattt ctaatcacca aactcatttc aggaagaata accagccctt     660
taaaaatggt tgcaacggaa ccggtgtctg gaccagcaa aggacgcgaa gctggc       716
```

```

<210> 8264
<211> 1389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1053)...(849)
<223> similar to gil89772 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8264
agccagtgcg tgcaaaccac accgcgtgtg tccgctgggt ctctgggcat gcagtttgct      60
cccactgcgg gaatgggggt ggggcaggcc gagcctgggc tctgggggct ttgctggggg     120
agcttctggt cctgggggta cccacttggt agggagtggg gggacagctg gaatagcggt     180
gctcagtgcg tcctttgggc gctgttgggg acaccctccc tcgctctccc acaccactgg     240
caccaggccc cggacacccg ctctgctgca ggagaatggc tactcatcac acgctgtgga     300
tggaactggc cctgctgggg gtgctggggc acctgcaggc agcaccggag gccaggtct      360
ccgtgcagcc caacttccag caggacaagt tcttggggcg ctgggttcagc gggggcctcg     420
cctccaactc gagctggctc cgggagaaga aggcggcggt gtccatgtgc aagtctgtgg     480
tggtccctgc cacggatggt ggcctcaacc tgacctccac cttcctcagg aaaaaccagt     540
gtgagaccgc aacctatgct ctgcagcccg cggggtcctc cggctcctac agctaccgga     600
gtccccactg gggcagcacc tactccgtgt cagtggtgga gaccgactac gaccagtacg     660
cgctgctgta cagccagggg agcaaggggc ctggcgagga cttccgcatg gccaccctct     720
acagccgaac ccagaccccc agggctgagt taaaggagaa attcaccgcc ttctgcaagg     780
cccagggttt cacagaggat accattgtct tcttggccca aaccgataag tgcattgacg     840
aacaatagga ctccccaggg ctgaagctgg gatcccgccc agccagggtga ccccccacgt     900
ctggatgtct ctgctctgtt ctttccccga gcccctgccc cggctccccg ccaaagcacc     960
cctgcccact cgggcttcat cctgcacaat aaactcggtg tgccacacca ctggcaccag    1020
gcccgggaca cccattctcc tgcagcagga gaatggctac tcatcacacg ctgtggatgg    1080
gactggccct gctgggggtg ctgggcgacc tgcaggcagc accggaggcc caggtctccg    1140
tgcagcccaa cttccagcag gacaagttcc tggggcgctg gttcagcgcg ggctctgct     1200
ccaactcgag ctggctcccg gagaagaagg cggcgctgtc catgtgcaag tctgtggtgg     1260
ccctgccac ggatggtggc ctcaacctga cctccacctt cctcaggaaa aaccagtgtg     1320
agaccgaac catgctgctg cagcccgcgg ggtccctcgg ctctacagc taccggagtc     1380
cccactggg

```

```

<210> 8265
<211> 1803
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (136)...(1561)
<223> similar to gi5902181 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8265
ggcctacgag tgcggcgcg cctgaagggg cacgcggggg acctgcaaag ctagtgaggg 60
gcggggcagg cggcgcggtg ggggcggggc gagcccggag gccagatgag cggacacagc 120
cccacgcgcy gggccatgca ggtggccatg aacggtaagg cccgcaaaga ggcgggtgcag 180
actgcggcta aggaactcct caagttcgtg aaccggagtc cctctccttt ccatgctgtg 240
gctgaatgcc gcaaccgcct tctccaggct ggcttcagtg aactcaagga gactgagaaa 300
tggaatatta agcccagag caagtacttc atgaccagga actcctccac catcatagct 360
tttgctgtag ggggccagta cgttcctggc aatggcttca gcctcatcgg ggcccacacg 420
gacagcccct gcctccgggt gaaacgtcgg tctcgccgca gccagggtggg cttccagcaa 480
gtcgggtgtg agacctatgg tgggtggatc tggagcacct ggtttgaccg tgacctgact 540
ctggctggac gcgtcattgt caagtgcctt acctcaggtc ggctggagca gcagctggtg 600
cacgtggagc ggcccattct tcgcatccca cacctggcca tccatctgca gcgaaatatc 660
aacgagaact ttggggccaa cacagagatg catctagtcc ccattcttgc cacagccatc 720
caggaggagc tggagaaggg gactcctgag ccagggcctc tcaatgctgt ggatgagcgg 780
caccattcgg tcctcatgtc cctgctctgt gcccattctg ggctgagccc caaggacata 840
gtggagatgg agctctgcct tgcagacacc cagcctgcgg tcttggtggg tgcctatgat 900
gagttcatct ttgctcctcg gctggacaat ctgcacagct gcttctgtgc cctgcaggcc 960
ttgatagatt cctgtgcagg ccctggctcc ctggccacag agcctcacgt gcgcatggtc 1020
acactctatg acaacgaaga ggtggggtct gagagtgcac agggagcaca gtcactgctg 1080
acagagctgg tgctgcggcg gatctcagcc tcgtgccagc acccgacagc cttcgaggaa 1140
gccataccca agtccttcat gatcagcgca gacatggccc atgctgtgca tcccaactac 1200
ctggacaagc atgaggagaa ccaccggcct ttattccaca agggccccgt gatcaagggtg 1260
aacagcaagc aacgctatgc ttcaaacgcy gtgtcagagg ccctgatccg agagggtggc 1320
aacaagtca aggtccccct gcaggatctc atgggtccgga atgacacccc ctgtggaacc 1380
accattggac ctatcttggc ttctcggtcg gggctgcggg tgctggattt aggcagcccc 1440
caactggcca tgcactctat cggggagatg gcctgcacca caggagtcct ccagaccctc 1500
accctcttca agggcttctt tgagctgttc ccttctctaa gccataatct cttagtggat 1560
tgagccctct tggaaagact tctctgccat ccctttgcac ctgagagggg aagttctcag 1620
ctgagctgaa gctggattat taaagtggat tgtcactcag actctccgtg ctacgcttat 1680
ttggagacta gaggagtggg agttgagcct ggcttgaacc tttggaacca gaaaagtgtg 1740
ggagcaggtg gaggaggcca cactcctggg agctgatggt tttaaatctg gttttaaatc 1800
tca
1803

```

<210> 8266

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (122)...(970)

<223> similar to gi940379 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8266
cccacgcgtc cggttctctc gcccgagccg ttgcgggagc tgccgggggc tccttagcac 60
ccgggcgcgg gggccctcgc ccttcgcag ccttcactcc agccctctgc tcccgcacgc 120
catgaagtgc ccgttctacc gctgccagaa caccacctct gtggaaaaag gcaactcggc 180
ggtgatgggc ggggtgctct tcagcaccgg cctcctgggc aacctgctgg ccctggggct 240

```

gctggcgcg	tcggggctgg	ggtggtgctc	gcggcgctcca	ctgcgcccgc	tgcctcgggt	300
cttctacatg	ctggtgtgtg	gcctgacggg	caccgacttg	ctgggcaagt	gcctcctaag	360
cccgggtggg	ctggctgcct	acgctcagaa	ccggagtgctg	cgggtgcttg	cgccccgatt	420
ggacaactcg	ttgtgccaa	ccttcgcctt	cttcattgtcc	ttctttgggc	tctcctcgac	480
actgcaactc	ctggccatgg	cactggagtg	ctggctctcc	ctagggcacc	ctttcttcta	540
ccgacggcac	atcaccttgc	gcctggggcg	actggtggcc	ccggtgggtga	gcgccttctc	600
cctggctttc	tgcgcgtac	ctttcatggg	cttcgggaag	ttcgtgcagt	actgccccgg	660
cacctgggtg	tttatccaga	tgggtccacga	ggagggtcgc	ctgtcgggtg	tggggtactc	720
tgtgctctac	tccagcctca	tggcgctgct	ggctctcgcc	accgtgctgt	gcaacctcgg	780
cgccatgcgc	aacctctatg	cgatgcaccg	gcggctgcag	cggcaccgcg	gctcctgcac	840
cagggactgt	gcccagccgc	gcgcggacgg	gagggaaagc	tcccctcagc	ccctggagga	900
gctggatcac	ctcctgctgc	tggcgctgat	gaccgtgctc	ttcactatgt	gttctctgcc	960
cgtaatttat	cgcgcttact	atggagcatt	taaggatgtc	aaggagaaaa	acaggacctc	1020
tgaagaagca	gaagacctcc	gagccttgcg	atttctatct	gtgatttcaa	ttgtggaccc	1080
ttggattttt	atcattttca	gatctccagt	atttcggata	ttttttcaca	agattttcat	1140
tagacctctt	aggtacagga	gccgggtgcg	caattccact	aacatgggaat	ccagtctgtg	1200
acagtgtttt	tcactctgtg	gtaagctgag	gaatatgtca	cattttcagc	ggc	1253

<210> 8267

<211> 1315

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (456)...(964)

<223> similar to gi2760317 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8267

gtgcttgaag	ggagtgttcc	gtcgttttccg	ttgccggctg	tttgcaagtgg	ggaaaccgag	60
gcagctcctg	ctccccctag	ttcttccgct	cctgtgagga	aaaaaaaaatg	tttattttctt	120
tgtgggagtt	cttctatggg	cactttttttc	gatttttggat	gaaatgggcta	ttacgacaga	180
tgactgggaa	gtgtgaattg	cagcgaatat	ttgataccta	tgtaggtgca	caaaggacac	240
acaggataga	aaattccttg	acatactcca	agaataaggt	tttacagaag	gcgacacatg	300
ttgttcagag	tgaagtggac	aaatatgtag	atgatattat	gaaggaaaag	aatattaacc	360
ctgagaagga	tgccagtttt	aaaatatgca	tgaagatgtg	cttactgcag	ataactgggt	420
ataaacagct	gtattttggat	gtagaaaagt	tgaggaaaag	gccatatgat	tctgataacc	480
tacagcatga	agagctactc	atgaagcttt	ggaatcttct	aatgcccacg	aagaagttaa	540
acgctagaat	ctccaagcag	tgggctgaaa	ttggtttttca	gggtgatgat	cccaagacag	600
acttcagagg	catgggcata	cttgggttaa	tcaatcttgt	gtattttcagt	gaaaattaca	660
ctagtgaagc	tcatcagatt	ctttcccggt	caaatcatcc	aaaattaggg	tattcttatg	720
caatagttag	aatcaatctt	acagagatgg	cttatagctt	actgaagagt	gaagctttga	780
agtttcatct	ctataacctt	gttcttggtg	taccaacaat	ggaacacttt	catcagtttt	840
actgttatct	tgtctatgaa	tttgacaagt	tttggtttga	agaagaacca	gaaagcatta	900
tgtatttcaa	tttgtataga	gagaagtttc	atgaaaagat	taaaggactt	ttactggatt	960
gtaattgtagc	acttacttta	aaagtataaa	tcattccactg	tattcttctat	ttctaccaca	1020
ttttgcacat	tcaacagaat	ttatatgttg	taataaggaat	tattctgatca	attacactct	1080
tatatataat	ttcctacaaa	aatattttcag	aaattctatt	taagaaagct	agtggaacaat	1140
cagtgtatgt	ttacaattgt	ttatacactg	ttctccaaag	gtaccttatc	cttccaaaga	1200

```
tccccctctgt agagtcatgc gaactacagt ttggaacttg ggacttagcc cgttggtgta 1260
aaagtataaa tcaggatattt gtattaaatt gattaaaatg tgtaaaatca aaaaa 1315
```

```
<210> 8268
<211> 488
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (71)...(184)
<223> similar to gi312070 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8268
tttcgtctcc cggctctcgg tccgggacgt gcgcttcccc acgtttcttg ggggccacgg 60
cgcggaacgc atgcacacgg accctgacta ctcggtgcc tatgtcccca tagaaactga 120
tgcaagaagat ggaatcaagg ggtgtggaat taccttcact ctgggaaaag gcactgaagt 180
tggtagattg aagattctct cgaggttcca gaatgcttaa ttttcagatg agattctaata 240
ttagattctt agattcatta gaatcttgat ttaaattgag ttctgatctt gtttttatct 300
gtattttacac tgctcaaagt gagtaaaaac agtgtttcat ggggtgttac ttgtttcact 360
gggagaaaatt taaaagtgc agaatttggc ctctctcctt gcaatcatat ctagecctgtt 420
agaaaatcct tggctgttag accgtttctc tgtgtcaaat gaccgctaca agggtgcttt 480
tcacctgc 488
```

```
<210> 8269
<211> 977
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (829)...(146)
<223> similar to gi3893157 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8269
tttttttttt ttcacgttaa aaaaagtttt atttagggag ctccagggaa tgcggtggga 60
aaggagaggt gcagtgtcat tgccgccttc tcctccacc tagtgcatga atagtggatg 120
ggagcatctg acagaagtga gatcaggcag tgggtgtctg caccacacag cgcattgttg 180
ctggaacacg aaagtctatc tgctgaggtt taggcaagtt cagggtgccc atgattttga 240
caaaactctc acagctgagg gtgagccgag gggtcagagt cctctcctcc tccacgggtg 300
aactgtgaa cccatggtaa tcgtgagcag ggtagatcag acagtctcct ggaagtgtga 360
```

agatcttttc	atggaccgag	tggtacaagg	tcttggcaca	gccttgctgg	aagtctgtcc	420
gcccacaccc	acggatcaac	agggcatctc	cagtgaaggc	catgctgtgg	tcattcagga	480
cgaaggtgac	acagcctggg	gtgtggccag	ggctggccct	ggtctccaac	gcgaagcgcc	540
cgaagcggat	ggagtctcca	tcctcaatgt	gtaagtcagc	ctggggccca	ctaaggcggg	600
agatgacaga	ctggcagcca	gggaggagg	aacggagcag	ccccgagcct	gtaatgtggt	660
ccgcgtggca	gtgggtattc	acagcataga	gcagccgcag	ccccagctcc	ttgatcagct	720
gggcatcccg	aggcgtgtt	tccaggactg	ggctgatcag	aacggcctcc	cgggactctc	780
tgtcaccag	caggtacgtg	aaggtgcagc	tcacaggctc	gaacatctgc	cgcaggagga	840
tgggggctcc	agacccgccg	cgctggctca	gctgccgccg	ggcgaccctc	agtacagcct	900
ccgccatcgc	gcccactgcg	gggtcaggaa	tgagcggagg	ccgagcgtct	gcaggagccg	960
ggcgctacgg	cactagg					977

<210> 8270

<211> 1829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (598)...(1239)

<223> similar to gil574372 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8270

ggtgtgagtg	tgtgggagtg	agagtgtgtg	ggagtggggt	gagggagaag	ctgacgggac	60
gcgaggctgt	gagaaactgg	gcgagtgtgc	gaggacgccc	ggccagcctg	cgggagccgc	120
agtcggcgga	ggagaaagga	ggcggtccc	ggtatccga	ccccctccc	ctcctcttct	180
tccccactt	ccagccgccc	ggcggtccgc	gctttctcga	aggccccagc	ccgggtcagt	240
cggccgagag	cgagggagga	gccccccgac	ccaggtagac	gttacatcca	agaggaaata	300
atccaggcaa	ggaagcacia	gctgatcaag	atgtgtagtt	ctgtggctgc	caagttgttg	360
tttttgacag	atcgtcgc	cagggaagac	tatctcaaa	aagagatttt	acgagcattg	420
aaggccaaat	gttgtgagga	ggaactggac	tttagggctg	tgggtgatgga	tgagggtggtg	480
ctgacaatcg	agcaaggaaa	cctgggtctg	cgatcaatg	gagagcta	cactgcctac	540
ccacaagtgg	tggtagttag	agtaccaacc	ccttgggtgc	aaagtgatag	tgacatcact	600
gttttgccgc	atctagagaa	gatgggatgt	cggttaatga	accgacctca	agccatcctg	660
aactgcgtta	ataagtctctg	gacatttcaa	gagttggctg	gccatggtgt	tcctctgccg	720
gatactttct	cttatggtgg	ccacgaaaat	tttgctaaaa	tgattgatga	ggctgaagtt	780
ctggagttcc	caatggtagt	aaagaatacg	cgggggcaca	gaggtaaagc	tgttttcttg	840
gctcgagata	agcaccattt	ggctgatcta	agccatctta	ttcgccatga	agcgccatac	900
ctgttccaga	agtatgttaa	agagtctcat	ggacgggatg	tacgtgtcat	tgctgtggga	960
ggcgtgtg	ttggcaccat	gttacgttgt	tcaacagatg	ggagaatgca	aagcaactgc	1020
tcattaggtg	gtgtggggat	gatgtgctca	ttgagtgaac	aagggaagca	gctagctatc	1080
caggtgtcta	atatcctggg	gatggatgtg	tgtggcattg	acctgctgat	gaaagatgac	1140
ggctccttct	gcgtctgtga	ggccaatgca	aatgtaggtt	tcacgcctt	tgataaggct	1200
tgtaatctag	atgtagtctg	tatcatagca	gactatgccg	cctcccttct	accctctggc	1260
cggctcaccc	ggcgtatgtc	cctgctctcc	gtgggtgtcca	ctgccagtga	gactagttag	1320
ccggagctgg	gtccccagc	cagcactgct	gttgacaaca	tgagtgcaag	ttccagctct	1380
gttgacagcg	accctgaaag	cacggagcga	gagctgtcca	ccaagctccc	agggggcctg	1440
ttcaacatga	accagctgct	agccaatgaa	atcaaactac	tggtggactg	actccactgg	1500
taattaacca	acaaaacctt	tgtaaaactt	tctttcttct	tttctatttt	taaaaccaac	1560

ttgcaatgct	gttcatggag	gatgctcagg	aagatgagag	aaaattacta	cgattagtgtg	1620
gagagagtgg	gagatagatg	agacctctgc	tagtaagatg	ttacttttcat	ttacaaatcc	1680
tacaaataga	gaggcagaat	aggtggggta	tagaaaaatg	tcaggctctc	atagttaccc	1740
ttttaaatgtg	ctaaaaaatg	tgtatgctca	taggccatga	ggaacaaata	cttttttttt	1800
ttcatgggtcc	cttgctttttg	tttttgtac				1829

<210> 8271

<211> 1644

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (167)...(617)

<223> similar to gi557673 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8271

tttctgtctcc	cgagctctcc	tccgcgttcg	cagccgccgt	catccccg	aggagcgcgc	60
agccccgggg	aggccggagg	acgcgcccac	agaatgccc	ggggcgacaa	actgtcctga	120
gccccctctg	tgcagccacc	tgctgtcccc	atacgcccc	cccaccatgg	agtccagagg	180
gaagtccagc	agcagcccca	agcccgacac	caaggtgccc	caggtcacca	ccgaggccaa	240
ggtacccccg	gcagccgatg	ggaaagcccc	cttgaccaag	ccctcgaaga	aggaggcccc	300
ggccgagaag	cagcagccgc	cagcagcccc	caccacggca	cctgccaa	agacctcggc	360
caaggccgac	cctgcccctc	tcaacaacca	cagcaacctg	aagccagccc	ccacgggtccc	420
cagcagtc	gatgcaaccc	cgagcccaa	gggtcctggg	gacggggcgg	aggaagatga	480
ggctgccagt	ggggggcctg	ggggccgagg	tccctggtcc	tgtgagaact	tcaaccccct	540
gctgggtggc	gggggtgtgg	ccgtggcgag	catagccctg	attctcggtg	tggccttcct	600
ggtccggaaa	aaataatacc	tgggggcccag	gcgggggggca	cgagccact	tcctgtacag	660
acccgaggaa	gccagtgc	gcagagttca	cccttaccta	ttcgtacaca	cgcacattca	720
ttacacacct	acatatgcc	ccaacacacg	cgcacggtga	agaggacgcc	cgagcccacc	780
cctgctgacc	caggacttcc	ccaacctcca	gggcagaaaag	agcccaggct	ccgggggtcca	840
cagcacagga	tgtggggcga	gggcacagct	ggggaacggc	aagaaaggaa	tggacctgt	900
gtgtggcccc	cccacccctg	gcggctgggt	gatcctgggc	ccccagggt	ggtctgagtg	960
caggtggggg	tgccgggatg	ggttgggcct	gggcccggcc	ctcgtgggga	cattaaagg	1020
cgcggtggct	ccactcgccc	catttctgct	ctttgcgtac	ccaccggggg	tctgcatggg	1080
cgaatgcagt	gggacggacc	tgggggtggg	actcacctca	gcagagcctc	aatgccacct	1140
ccccacacca	cccaagccta	gctgggtggg	aagacggagc	cctgaagcct	gcgtgtggag	1200
gggggtgctg	ccaaggctcg	ccttccccag	cttgtgtctc	aggggagccc	cgacgcccgc	1260
ggggaggcag	ggatgtcgag	ggccccctac	agctgtgccc	cgccctgccc	cgtagactg	1320
cccctcccag	cttgaccccc	agcaccaccc	tgagtctaac	cagcgtataa	tgcaataaca	1380
ggtagagtag	aactgctttt	ggcggcgacc	gtcacacact	gtcctcagcc	cactgcaccc	1440
tggggaaacc	cctcgtgcag	cccctcctta	gcacatccag	tcccagcgtg	gcccttggcg	1500
cgcagcagca	ggcgaactcc	cagaagggtg	tggtgggcac	tgtgagaacg	tggcctgccc	1560
tgcaactggc	cagtggccac	aggaaccccc	ggcctgagtg	gaggctgagt	ctgaaataaa	1620
ctctgtcgtc	tgaaaaaaaaa	aaaa				1644

```

<210> 8272
<211> 2293
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2249)...(922)
<223> similar to gi5281517 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8272
tttttttttt ttaaggattt actaatattt attaagtgcc accaacattt caacgggcca      60
caggcagggc tgggagttgg gggagaagga gtggctcccc tcccgacaac aggtgaccct    120
caccgccggc tcagggcccc gaggggggtcc tggaaacact cacgctcaag gagcggaggt    180
gaatggcttc ctgttctcac ctccgggtcc aggcactggg ggtgaggaag tggctgggag    240
gccaggaagc tggaggaggg gaggtgctgg gggccagggc tgtgcgggag gggatgggat    300
cctgtgggta ccttggcccc tgtgccaggg tcgggggaac gtgacactag gtgagaattg    360
ggtagaaagt gtgtgtgaaa gggcatgcgt gcatgtgatg ttggtgccat atctataggt    420
gtcgttgtca tgggtgtgtg tgtcactgtg tctgtgtgtg acatcatcac cgtctgtgtg    480
atgccatcgc cgcgtctgtg tgacattaat atgtgtgacg tcgacatggc ccgtgacgtc    540
gttgtctgcat ctcggtgtga cgtcatgcca agttcccatc gtctgtgtgc gacgtgctgc    600
atctgcacga cgccatcgtc atatctcttc gtgacgtcta catggccacg tgacgccatc    660
accacggtga tatgtgacgt cagcgccggt gcttgctgta cgtcatctcc gcggccgtgt    720
gctctgggtg agggatcgtg aggcgcgggt gcgggtgtga gagggtaacta ggggtttgca    780
tgcagggagt tgtctgatgg tggccctggg ttggtggggg cggcgggagg gggttgtgtc    840
gggcgctgtg agcatatccc tgcatacctc gcaaaccgcc gagtccggcc atcccttggt    900
cctcaggcct ggagcctcct cagccactgg atggggctac agggatgcct gcagggggcc    960
tctgggactc caggatcttc ctcttgaaact cctccaggct agctgggtcg atgggctggg  1020
ggttggggac agggcccatg ggccttgaca ctggcatcat cggctgcgac ttggtcttga  1080
tgcaggtgtc cagggtctgag tttctgatgg ccagctccat cctgagctgc tccgcctccc  1140
tcttcttctc ttccagctcc ttggccaggt tgtctcgttc cttccgcagc accgccttct  1200
cctccagcgc tagctgggtc tgccgggagc attcagcttg gagcttggcc tccggggcct  1260
gagcctcctt ctccaccttc tgtttcgctt cctgactggc ccgcaggccc tgcctgggctt  1320
ccagcttctg gcgttgaggg tctgagttct cgcggggccac gcgttcgata tccgcccgga  1380
ggctccgggc cagctcctcc accttgagc tcatgaggct gggcatgtgg tcgcaggctc  1440
tgcggatgga ggccaattcc gagcccaggg gatggtagag gttgtaacct aggttgtcca  1500
ggctgcgtgg gataatggag tccctccaca ggttacgaag gtccatctca aacttgtcct  1560
tgtccagggg caggcagagg gcttgacact tttgcagttg ctccctggcc agctggcgct  1620
cttgggtgctg cagctcccgg gttttcacgc attcaaccag ctgttcctcc gccacgcgtt  1680
tgttcagcag cacgctttcc ttatccttag tgcaaatggg cttctccttg gctatctcca  1740
cctccagcgt cttcaccttc tgattcagca tgaagagcaa ggcacgcag ctcttggtca  1800
tgtccttgaa ttgatctctg cattgcttct cactcaagat gatggcagcc atgtacctct  1860
gattgttcgt gtagatgacc cggtcaccct ggcaactggc gaagctggca ttgatgcggg  1920
ccaggctcgc gcgagcattc agccacatct gcatgatggc atccttggcg cgggtgggtga  1980
agttgagctc cttggtcaag ttggactggg aggccgtgag ccctaggagc tgactgtata  2040
ggccctcggc tcggcgctcg gtggcctgca ggttggaact tgtgctcacg tgcacgttgc  2100
catagaccat gaagagcacg agccccagga tgatgaggaa ttggtatgag gagacgaaga  2160
ggaagaagta gcgcaggtaa taccagcagc cccgagagct gcccccgcc cgagcgtagg  2220
acctccgtg ctccatggcc agaccattt gctcgatccc gcagtccggt gcaccgtccc  2280
tgctcacacg aaa                                     2293

```

<210> 8273
 <211> 3421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3422)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (528)...(2329)
 <223> similar to gi31658 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8273

acatccccgg	gtcgacgatt	tcgaggggag	cttcttttctt	gtccaccctg	gcgatggcta	60
gtatggccgc	agagtgaac	aaggctccca	attgcctcct	tggaggcaaa	gttaaagatt	120
ttatgattaa	gtacttaaca	tttcctgttg	gaagtttggt	ggcctcagat	ttctcctctg	180
agcaggacat	acaacagagg	gttggacaca	gatggccaga	gttgaagcta	ggccaggaaa	240
catcgctgtg	tctttggaaa	caaaaagtcac	cttccttcct	ccaggagcaa	gggcgggtga	300
gaggaagagg	gcttatagag	agccttttca	agccccctagc	ttggttatgg	gttattttgt	360
ttttgtcatt	ttagggtgag	gcaactccaa	ggtcctactc	tctttctgtg	cctgttacct	420
accccgctct	cctaggggtg	ccttgagccg	caaaaactgct	gtccacgtgg	accgggggtg	480
acatcgacg	tccatctgcc	aggaccctg	cgtccaaatt	ccgagacatg	gcgaccaacg	540
gcagcaaggt	ggccgacggg	cagatctcca	ccgaggtcag	cgaggccctt	gtggccaatg	600
acaagcccaa	aaccttggtg	gtcaaggtgc	agaagaaggc	ggcagacctc	cccagaccggg	660
acacgtggaa	gggcccgttc	gacttcctca	tgtcctgtgt	gggctatgcc	atcgccctgg	720
gcaacgtctg	gaggttcccc	tatctctgcy	ggaaaaatgg	tgggggagcc	ttcctgatcc	780
cctattttct	gacactcatc	tttgccgggg	tcccactctt	cctgctggag	tgtccctggg	840
gccagtacac	ctccatcggg	gggctagggg	tatggaagct	ggctcctatg	ttcaagggcg	900
tgggccttgc	ggctgctgtg	ctatcattct	ggctgaacat	ctactacatc	gtcatcatct	960
cctggggccat	ttactacctg	tacaactcct	tcaccacgac	actgccgtgg	aaacagtgcg	1020
acaaccctcg	gaacacagac	cgctgcttct	ccaactacag	catggtcaac	actaccaaca	1080
tgaccagcgc	tgtggtggag	ttctgggagc	gcaacatgca	tcagatgacg	gacgggctgg	1140
ataagccagg	tcagatccgc	tggccactgg	ccatcacgct	ggccatcgcc	tggatccttg	1200
tgtattttct	tatctggaag	ggtgttggct	ggactggaaa	ggtggtctac	ttttcagcca	1260
cataccccta	catcatgctg	atcatcctgt	tcttccgtgg	agtacactg	cccggggcca	1320
aggagggcat	cctcttctac	atcacacca	acttccgcaa	gctgtctgac	tccgaggtgt	1380
ggctggatgc	ggcaaccagg	atcttcttct	catacgggct	gggcctgggg	tccctgatcg	1440
ctctcgggag	ctacaactct	ttccacaaca	atgtctacag	ggactccatc	atcgtctgct	1500
gcaccaattc	gtgcaccagc	atgttcgcag	gattcgctcat	cttctccatc	gtgggcttca	1560
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caatcattgt	ggcgggctgt	ttcattttca	gtgctgtgca	gatgacgcca	ctcaccatgg	2100
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t						3421

<210> 8274

<211> 1483

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1484)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (181)...(749)

<223> similar to gi2585991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8274

tcatggcaag	agcgagcagt	ggtgctgatg	ttgagagaag	cccaggggtac	cactaattga	60
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agctggtgac	agaccactc	tgtaactttc	agctagattc	agccaccaga	tcccagaaac	180
atgacccttg	ctgcctacaa	agagaagatg	aaggagctcc	cgctggtgtc	cttgttctgc	240
tcctgcttcc	tggccgatcc	cctgaataag	tcgtcctaca	aatatgaagc	agacacggtg	300
gacctgaatt	ggtgcgtcat	ttccgacatg	gaagtcctcg	agctgaacaa	atgcacctcg	360
ggccaatcct	ttgaagtcac	cctgaagcca	ccctcctttg	atgggggtcc	cgagttcaac	420
gcctccctgc	caaggcggcg	agaccatccc	ctggaagaga	tccagaagaa	actagaagcg	480

gctgaggagc	gaaggaagta	ccaggaagcg	gagctcctga	aacacctagc	agagaaacgg	540
gaacatgaga	gagaggtgat	ccaaaaggcc	attgaggaaa	acaacaactt	catcaagatg	600
gctaaggaaa	aactggccca	gaagatggaa	tccaacaagg	agaacaggga	ggcccacctc	660
gccgccatgt	tggaacggct	gcaagagaag	gacaagcacg	ccgaggaggt	gcggaaaaac	720
aaggagctga	aggaagaggc	ctccaggtaa	agcctagagg	caaagaactt	ttccaggtca	780
gccggacagc	tccagcagct	ccacgttcca	ggcagcctcg	cccgccggct	gcgctcccag	840
cactgggggt	tggggggagg	gggggtggcca	aggggcgggt	tcctctgctt	ttggtgtttg	900
tacatgttaa	gaattgacca	gtgaagccat	cctatttggt	tccggggaac	aatgacgggg	960
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agtgggtgtg	cttccaccct	gcagcaggtg	ggatgaggtc	tgtgtgtgtg	tgtgaaccat	1260
cattttttga	tcatcatgac	caatgaaaca	ttgactccaa	gtgtccagtt	ctttattttc	1320
caaatgtgtc	ctttgggtaa	ttgttaaaaa	gttctcgaaa	cctggccttc	atccatctga	1380
tggcagatgc	ccctttgctt	ccttaattct	gccattcaag	catctggagc	ctgggtgagg	1440
tgggttgaat	cangccagcc	tttggcataa	ttgaaaggtt	ttt		1483

<210> 8275

<211> 2646

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(1808)

<223> similar to gil477468 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8275

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aatagtttgg	gatgaatacc	taactggacc	ctttggcctg	attgcacagt	attcactatt	180
gaaggaacat	gaagtggaaa	aaatgttcac	acttaaagga	aatcgtttgc	cggcagctga	240
tgtgaagaat	ataatttttt	ttgtcagacc	caggctagag	ttgatggata	taatcgctga	300
aaacgtgctc	agtgaagata	gacgaggccc	aacgagagat	tttcatattc	tgtttgtgcc	360
acgccgtagc	ctgttgtgcg	aacagcgggt	gaaggatctg	ggtgtcttgg	gaccccttat	420
tcacagggag	gagtacagct	tagatctcat	tccattcgat	ggggatctct	tatccatgga	480
atcagagggg	gcattcaaag	agtgttacct	ggagggtgac	cagacgagcc	tgtaccacgc	540
agccaagggg	ctgatgaccc	tgcaagctct	gtatggaacg	atcccccaga	tctttgggaa	600
aggagaatgc	gctcggcaag	tggccaatat	gatgatcagg	atgaagagag	agtttacagg	660
aagccagaat	tcaatatttc	ctgtttttga	taatctcttg	ttgcttgatc	ggaatgtgga	720
tttattaaca	cctcttgcca	ctcagctgac	atatgaagga	ctcattgatg	aaatttatgg	780
cattcagaac	agttatgtga	aattacctcc	agagaaattt	gcacctaaaa	aacaggggcg	840
tggtggtaag	gacctcccca	cgggaagcaaa	gaagctgcag	ctgaattctg	cagaggagct	900
ctatgctgag	atccgagata	agaacttcaa	cgcagttggc	tctgtgctca	gcaagaaagc	960
aaagatcatc	tctgcagcat	tcgaggaaaag	acacaatgct	aagaccgtgg	gggagatcaa	1020
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ctcaattgca	gaattgatca	aagatgtcac	tacttctgaa	gacttttttg	ataaattaac	1140
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atacggctat	gagcacatat	tgaccttaca	caacctggag	aaggccggcc	tgctgaaacc	1380
gcagacgggg	ggcagaaaca	attacccaac	tatacggaaa	acattacgcc	tctggatgga	1440
tgatgttaat	gagcaaaacc	ccacggacat	atcgtatgtg	tacagtgggt	atgccccgct	1500
cagtgtgcgg	ctggcccagc	tgctttcccg	gcctggctgg	cggagcatcg	aggaggtcct	1560
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<210> 8276

<211> 3048

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (643)...(3049)

<223> similar to gi3059135 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8276

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cttgaccag	gaagaagtct	tagcagccag	cgggccctgg	tcaggaaact	ctaaggtaca	180
aggaaaacag	ttgaggaagg	agccagagcg	ctccggtttg	gtcctcgggc	ttcgctgggg	240
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ggaccagcca	gcgctcctca	ggagtctcac	tgaaacagaa	ccatgggtca	tccccgctg	660
gagttcagcg	actgctacct	ggacagcccc	gatttccgcg	agaggctcaa	gtgttatgag	720

caggaactgg	agaggaccaa	caaattcatc	aaagacgtaa	tcaaagacgg	caacgcgctt	780
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tttcagtttg	atttcattgg	agacactctg	actgatgatg	aaattaacat	cgtggaatcc	900
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aatgctagt	atttgctgat	taaacccttg	gaaaatttcc	ggaaggaaca	aataggcttc	1020
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cggcacttac	acctgtcttc	aaaaaagaaa	gaatctcagt	tacaagaggc	agacctacag	1140
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gaagaactta	agaaaaggat	gaaagaagct	ccccagacat	gcaaacttcc	aggacagcca	1440
actattgaag	gctatctcta	tacacaagag	aaatgggctt	taggaatata	ctgggtgaaa	1500
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ccaggtgcta	agcagggggc	cttggactta	acactgaagt	actgtgtgag	aaggaagacg	1620
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ttcaagtttg	tcaggaagt	catcaatatt	attgagacca	aagggatcaa	gacagaagg	1860
ttgtaccgca	ctgtgggcag	caatattcag	gttcagaagc	tgctgaatgc	cttttttgat	1920
cctaaatgcc	caggagatgt	tgattttcat	aatagtact	gggacattaa	gacaatcacc	1980
agctccttga	aattctacct	caggaatctt	tctgaacctg	tcatgacct	tagacttcac	2040
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atagaacccc	ccaagccacc	acaacacccc	aaactaccta	ttcagaggag	tggggaaact	2580
gatcctggga	ggaagtcccc	aagcaggcct	atthttggatg	gcaagtggga	gccctgccca	2640
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aaagagaccag	ctccccggcc	cctggcccac	cacaaggagg	gggatgctga	cagtttcagc	2820
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cctccctgcc	gggcagctac	tccccaaaag	ccagaaccaa	agccagatat	tgtggctggc	2940
aatgcggggg	aaatcacatc	atctgtggtg	gcttcaggga	ccaggttttt	tgaacagct	3000
tcccggaaaa	caggaagttc	tcaaggcaga	cttcctggag	atgaaagt		3048

<210> 8277

<211> 1570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (164)...(1044)

<223> similar to gi688408 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tgagatgggg tcccagggtct cggtggaatc gggagctctg cacgtggtga ttgtgggtgg      180
gggctttggc gggatcgag cagccagcca gctgcaggcc ctgaacgtcc cttcatgct      240
ggtggacatg aaggactcct tccaccacaa tgtggctgct ctccgagcct ccgtggagac      300
agggttcgcc aaaaagacat tcattttctta ctcggtgact ttcaaggaca acttccggca      360
ggggctagta gtggggatag acctgaagaa ccagatgggtg ctgctgcagg gtggcgaggc      420
cctgcccttc tctcatctta tcctggccac gggcagcact gggcccttcc cgggcaagtt      480
taatgaggtt tccagccagc aggccgctat ccaggcctat gaggacatgg tgaggcaggt      540
ccagcgctca cggttcatcg tgggtggtggg aggaggtcgc gctggagtgg agatggcagc      600
agagattaaa acagaatatc ctgagaaaaga ggtcactctc attcactccc aagtggccct      660
ggctgacaag gagctcctgc cctccgtccg gcaggaagtg aaggagatcc tcctccgga      720
gggcgtgcag ctgctgctga gtgagcgggt gagcaatctg gaggagctgc ctctcaatga      780
gtatcgagag tacatcaaag tgcagacgga caaaggcaca gaggtggcca ccaacctggt      840
gattctctgc accggcatca agatcaacag ctccgcctac cgcaaagcat ttgagagcag      900
actagccagc agtggtgctc tgagagtga cagcacctc cagggtggagg gccacagcaa      960
cgtctacgcc attggtgact gtgccgacgt gaggacgccc aagatggcct atcttgccgg     1020
cctccacgcc aacatcgccg tggccaacat cgtcaactct gtgaagcagc ggccctctcca     1080
ggcctacaag ccgggtgcac tgacgttcct cctgtccatg gggagaaatg acggtgtggg     1140
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gttcgtctct acgagctgga aaaccatgag gcagtctcca cttgatgga gaggccaggc     1260
gggagaacta ccgcagcagg ccaagtggaa cccctgggag atgacaggac accacctctg     1320
acccacaggg aaccctgtcg gtgtgcacca gcgcattccag ctctcatgtc tctgagatga     1380
catgggtggt ttgtccagac tgggatgacg gcagctttgg ggcagcagag gaggcatttt     1440
tcagatgttt tcatcttcga atgaacttgg tgatctggat gtctgcggca agtctcagca     1500
atctctttat gaatcatcat tattattatg gttcagttca tggctcttcc cagggcctgg     1560
gtgctgatgc                                     1570

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```

<210> 8278
<211> 1104
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (806)...(449)
<223> similar to gil850098 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8278
ggtttttttt ttaaaaaata aataatgagc ttttattatt ctcaacaaca gagaagactc      60
cagcctgatg tctatgggac ctgagtccac actgtggagg gcacaagctg tgggagggcc      120
tgggaagacac gcctcagaga ttctccaggt cctgccaccc tgtgggagac acttcaaagg      180
aatcgtaaac tcatgtgacc agcagggagg acaacgatga agaaactttc ctgcctaaaa      240
tcagctgctg tccagagcta gcacctggaa ggagacactc cctctcctgg ggtcacatct      300
tactgcaag gcgggtggga gctcactgct gtgacccaca tatactctc tctcggcgct      360
tctatcctgc tgctttctct gactgcatct tcctctgttc cttggtcagt gtttgagaag      420
agaatgttga acaagtcaca tccttgtcac tctgagtcag aaccctcatt tgacttgga      480

```


gatttgtgct	tccgtttttt	cttctttttt	ttttctttct	tcctttttct	atgcttttct	540
ttctttctct	ttttcttgtg	tttctcttta	ccttcagagg	aactggagct	gctcctatct	600
tcacctgagg	tagaatcctc	cagtaactgt	tttaactgct	gtatccttac	attcttttca	660
tgttgtttat	tgtctcgtat	gatgtcatat	atgaaatcct	catgtgctac	tctgaactgt	720
tgtaactttt	ggttgtcttt	gataaagaaa	gggcattctt	tgtagcctgt	tcggtgaccg	780
taccatttgc	aatgcccaacc	ttgataagcc	caggaggagg	tttttcataa	ctagcagcgc	840
cgtggccagt	ccccgccgcc	cattctctct	tcttcggggc	ctcgccacac	caacactgca	900
ggaccegtgt	cctcgtccct	tctccatagc	agaggatgaa	aagaacgggg	tttctccatg	960
tcgcagtggc	ccagggaaact	cagaggtgga	gcgcgggggc	agcgtgctcg	gttgaacttg	1020
cctgttcggg	ccacaaatgc	cgagcaagcg	ccaataactc	ttggcttcca	cgtaatcgtc	1080
gtccccggaa	atccaagccg	ggcg				1104

<210> 8279

<211> 3205

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3011)...(1114)

<223> similar to gi5931594 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8279

tttttttttt	ttcacatata	cacattttat	ttttcataaa	ataaaggata	atgtgcccac	60
ccataccctg	taagtttcat	agcctaaaag	tcagtttcat	agcctagaag	tcttcctagt	120
agtcagattt	tctgtccccc	agaggagaaa	ctcccgcacc	cccagttccc	agggggcctg	180
gtgtttgagg	agctgcatca	agctgcatct	tcttacaagc	ccaggggaga	aaggatgtgt	240
ttaagggtag	aagttgttca	ttttgttttc	ctttgcaaga	ttttgataga	atctagtata	300
aaggctgtct	ggcttagctc	agaatgcaag	aaaagggtgt	attctttcgc	atttgggcac	360
ttcacagagg	gcatgggcac	tcccccatct	aaacaggctt	gaaaaaggac	acagacccaa	420
gagaggccct	tgcggaggcc	cagcaaagag	tggttcagga	tgcacagaca	ggctctctgg	480
ggctgtgggc	caggagtggg	aaagccacct	tagtctctgt	ggagcagatt	tgggaagggt	540
catgggaaca	agtttctctg	ctctggggtc	tgggccacag	tctaccatgt	cccatctctc	600
tggttctgcc	cagtgttcct	tccttctctg	catccccagc	acctcatcag	tgtctcccgc	660
tcctgaacac	catggtcaat	catcctgggg	cttctcacat	ctgtgaaaga	acaggtctct	720
cgaccaccta	ggggtagact	tccaggatgg	tgcctgctta	actttcctac	aatccagggt	780
catcggggaa	atgagccagg	tggggagggg	ggagtctcac	ttgcagccag	aaaccctggg	840
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tgttctatcc	actgccccca	gatgctgcct	cccagggttc	aagagccacc	ttgagtccca	960
gctcagctgc	cacccagaca	ccgagcatte	gaccagggca	gtgcagtaca	tggcggtgcc	1020
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ctctcctgtc	cttcaatacc	tcctggggct	gttactcttc	ctggagaagg	ggctctcggt	1140
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cagcaccac	gccaccccca	accacagcgg	ccctgtgggc	ccccacggca	gctccagcag	1260
ccaccatccc	agcctctgca	gccagtgcag	ctgctgccat	gccagcacc	accacgcccc	1320
ctgcaggcgg	catgagcccg	gccccacac	cacccccac	agcagctagg	tggccacaga	1380
agcgcatcgt	gtaggatctc	atgaaggcct	tggcgtgggc	ctgcagctca	gcttccagtg	1440
cctccaaggt	ctgactctct	cccttgccga	gtaaggccac	accatggcgg	gccagaatgg	1500
catctttctg	ggtggagagg	aggttccgca	tgggtgtctg	caggaccgcg	agcgacagaa	1560

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cattgatgcg	gaccagcagc	agcggctccg	ccctcacagg	acacgtctcc	tgcagtgcag	2640
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gccttggcat	gggaggctgg	gatggggaga	gggtccggat	gcagaggggg	aggccccgag	3060
accttcaacc	agaggtaagg	atgccttttc	tcccggaag	gctagcaggc	tgcggtaggt	3120
ggaaggtgag	gtcgggggat	ggtatccccg	aggagctgac	tcccggtcag	agctggaaaa	3180
gaaatgtgcc	agtcaggaaa	gagga				3205

<210> 8280

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (237)...(534)

<223> similar to gi3549666 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8280

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ttggggaggg	ggtaaggaac	gttttttgta	gttatgttg	caaccctgc	tctagaaata	120
gtttgggtaa	ctgtttcctt	tccaaaagga	ctctctgggt	acgccgtctt	tctctttgcc	180
tcagccactt	ccttcccttg	cctcaccctc	cccagtgcac	tgaagaaggt	aaccgggtcc	240
agacccacgc	ggcgccagtt	ctccggcggg	aaggaaaacc	gcgcagagag	gcagcaatga	300
atgtggatca	cgaggttaac	ctcttagtgg	aggaaattca	tcgtttgggt	tcaaaaaatg	360
ctgatggaaa	gttaagcgtg	aaatttgggg	tctcttccg	tgatgataaa	tgtgcccaacc	420
tctttgaagc	attggtagga	actcttaaag	ctgcaaaacg	aagggaagatt	gtaacatatc	480
caggagagct	gcttctgcaa	ggtgttcatg	atgatgttga	cattatatta	ctgcaagatt	540

aatgtggttt	acatatcttt	atgtactgcc	atTTTTgtt	tctggtaaac	tggaatataa	600
agtgaagaa	caaacatttg	aacatactta	atgtattttt	atagaacttt	gtaaacgaaa	660
ggagattcat	gttttagaag	tctgtccttt	tttatatctt	gaaagaaaat	ctatgtatga	720
tgctataaaa	taaatcctat	tatttttctc	aggaatctgg	ttaggaattg	caggcaatga	780
gattttttgc	ggggcagggg	tgggaatggt	tgttcataaa	taattagaca	ttttctatag	840
atatttgaca	ttctgcgaaa	gcaacaagca	aactgaagac	caactcctat	gagaaatatt	900
atgatgttta	tgtaataaa	acatgtaact	gtcttaaatt	tgcaaaaaaa	aaaaaaa	957

<210> 8281

<211> 2279

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1397)...(582)

<223> similar to gi2104536 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8281

ggtcgacatc	actgttaagg	agatcttcat	gtgattcact	aaaggagatc	tacatgtatt	60
tttcacatga	agatctcctt	tagtaatcac	tgtaaggag	atcttcatgt	gaaaaataca	120
tgtagatctc	cttccttttag	taatcactgt	taaggagatc	ttcatgtgaa	aaatacatgt	180
agaagtttta	aaaatttggtg	gatataattg	tcattcagaa	ttaagcaggt	tgattgctgt	240
tatctaggat	gggtctcttc	ctttatgttt	ttcagtcaca	taatcttgat	ttccatagtt	300
atcacatgta	cttaaaggaa	gttaatcaat	gcctatatgg	tccaaggtat	aatttgcaca	360
cagtagtttt	tggtttttat	attgtggatc	atatgtatca	aaggtaatat	tcataaagaa	420
caatgttata	gttggctaca	aagggacaat	tccacatttc	tatacaggga	atattttaag	480
ggtagagtta	tatcagctat	ggtagattgag	tttaaataatc	cctgcagggt	caggaacaaa	540
ccagctttcc	cataagtcgt	tgtgaacact	agggaagtcc	caaggtttat	gtcttccatt	600
ccagtggagt	aatttagctt	cctgcagaaa	atgctccgaa	tatctggcat	ctggattcca	660
gccaggtgc	cttatgtgcc	acagggggtt	aattgtggaa	tatttcccat	gaaacacaat	720
cagcattggg	gaggtggcca	cccctcctcc	cagggagctg	ctatagaggt	tttctccac	780
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gttggcaaca	atcacaccag	gattgaaaga	gcaggtgctg	gggctgatgc	caaggctcct	900
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atagatgact	ttctcgtggt	ggtggataag	tagagggaga	taaaatcgaa	caaagttcag	1140
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caccacagga	atctcttctt	ccagttcttc	aggagtctcg	gattcatcat	ctgcgtcatt	1440
cttgggcaca	gtcccccttat	gaactttctt	atacagaatc	acacagaggg	tcacgatcag	1500
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ggtccagaag	agctgcaagg	cagagcggtt	aaatcgtggc	tggccctggg	ctgccgcct	1800

cacgctgctt	cggtctgttc	taagatccca	ttggaagtcc	caaagggctg	gagagcccca	1860
aggccaatat	tacgtttcca	aaagaatatt	cctccccgac	ccgcactccc	ctttgcttgc	1920
gttgacttcg	gaacgtctcg	ggttttcttc	acctctgcgc	gaagccgctg	ggaacccagg	1980
agttgcgctg	gcagagaggg	gcggtcccaa	aaaccacttc	cagatgtgct	cggctggccg	2040
gctcggatgc	gccagacttc	ctctggctaa	gtgcaaaaac	tgcaaaaaac	aacgctgttc	2100
tcttgtggct	cacggttccc	aagcttccctg	gcatggctcc	gcacaaagct	gccttcggtt	2160
cgcccggcag	gctttgtagc	gaccttccct	gcccgggtcc	cagtcacggt	cgggagcagc	2220
cgccgtggcc	cgggtctcgc	aggcaggctc	ccgcccgcac	cctcccggtg	gagacgaaa	2279

<210> 8282

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(1609)

<223> similar to gil050527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8282

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gagagacgca	ggagaagcgc	ttcaaggacc	cgggactagt	ggaccagctg	gtgaaggcag	180
acagcgagtg	gcgacgatgt	agatttcggg	cagacaactt	gaacaagctg	aagaacctat	240
gcagcaagac	aatcggagag	aaaatgaaga	aaaaagagcc	agtgggagat	gatgagtctg	300
tcccagagaa	tgtgctgagt	ttcgatgacc	ttactgcaga	cgcttttagct	aacctgaaag	360
tctcacaaat	caaaaaagtc	cgactcctca	ttgatgaagc	catcctgaag	tgtgacgcgg	420
agcggataaa	gttggaaagca	gagcggtttg	agaacctccg	agagattggg	aaccttctgc	480
acctttctgt	acccatcagt	aacgatgagg	atgtggacaa	caaagtagag	aggatttggg	540
gtgattgtac	agtcaggaag	aagtactctc	atgtggacct	ggtggtgatg	gtagatggct	600
ttgaaggcga	aaagggggcc	gtggtggctg	ggagtcgagg	gtacttcttg	aaggggggtc	660
tggtgttctc	ggaacaggct	ctcatccagt	atgcccttcg	caccttgagg	agtcggggct	720
acattcccat	ttataccccc	tttttcatga	ggaaggaggt	catgcaggag	gtggcacagc	780
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accgggatga	gtggctccgg	ccggaggacc	tgcccatcaa	gtatgctggc	ctgtctacct	960
gcttccgtca	ggagggtggg	tcccatggcc	gtgacacccg	tggcatcttc	cgagtccatc	1020
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tgtttgaaga	gatgattacc	accgcagagg	agttctacca	gtccctgggg	attccttacc	1140
acattgtgaa	tattgtctca	ggttctttga	atcatgctgc	cagtaagaag	cttgacctgg	1200
aggcctggtt	tccgggctca	ggagccttcc	gtgagttggt	ctcctgttct	aattgcacgg	1260
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tggagtttgt	ccatatgctc	aatgctacca	tgtgcgccac	taccctgacc	atctgcgcca	1380
tcctggagaa	ctaccagaca	gagaagggca	tactgtgccc	tgagaaattg	aaggagttca	1440
tgccgcagag	actgcaagaa	ctgatccctt	ttgtgaagcc	tgcgccattt	gagcaggagc	1500
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aagccaagca	cccattcatc	cccctgcccc	catctgactg	cgtagctgag	aggggaacag	1740

tgccatgtac	cacacagatg	ttcctgtctc	ctcgcatggg	catagggacc	catcattgat	1800
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<210> 8283
<211> 1971
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (307)...(1279)
<223> similar to gi4226073 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8283	
tttcgtcctt	gagcccagtg ggtcaaggct gctttgagcc gtgatcatgc cactgtactc 60
cagtctgggc	aacgggaaga ctctgtaaaa gcgaatgatt aaaaataagt gttgggatta 120
tatcttcttt	ggatttctct tttctattta aagattgccc tatcagaatc ccattctcat 180
ttttttgttc	tttctgacat aggttttcaa gggacatgag tgacccgagg atggtgttga 240
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cccgtgatgg	aaaatgcccc gggactgggc ttccgaaatg tcgtcaccgt ggatgagctg 660
cggatggcct	ttcctctgct tgacatgggt gacctggagc ggcggtctaa gaccacgccc 720
ctcccagga	atgacttccc ccgcattgaa ggggtgtctc tcctagggga gccgggtccgc 780
tgggagacca	gcctgcagct gatcatggat gtcctcctca gcaatgggag ccctggggct 840
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tggatggctg	aagccaagat gccaggtttt ggacatggca cctttctgct gtgcctggaa 960
accatttacc	agaaagtgac gggcaaggag ctgagatacg agggcctgat gggcaaacc 1020
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tgggccgccc	ccatccgga gctctatgct gtgggtgata accctatgtc tgacgtatac 1140
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ggggccgggg	gcacacggca gcaacagccc tcagcaagcc agagctgcat ctccatcctg 1260
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tcccacgtgg	tgaatgacgt gaatgaggct gtgcagctgg tcttccgcaa ggagggtgg 1440
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cccattggct	gggctctggc ctgatcactg ggctcaggtc agggcttggt tcccttgcca 1560
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cgtgcctttc	gtggcagctt aacctcaggc cattctcttc ccctgtgtgc ctcatgtcc 1740
ttctcatttc	agtagggact tctgaaatgg gggaggcagt gtggaatact gtggatgtct 1800
gtgcagagcc	tttgccggca ctgaaggcat gcagcctgtc ggcagagtgt cttaacacca 1860
gatgctactt	tttactgtat tgtagtttat tgcccggaga tgtggggctt tttttttaa 1920
taaaataatc	ataataaatg ttcattgatgc tgactcttgt gaaaaaaaa a 1971

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<210> 8284
<211> 5365
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(4137)
<223> similar to gi2224663 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8284
tgatcgaccg ccctggaatt cccgggtcga cgatttcgtc acgaacctaa ttcattctctc      60
cagcaaagga cacatctctc cagcaaagga cacctctctc cagcaaagga cacctgcaga      120
gatgtcccca gtcccttcaact tctatgttcg tccctctggc catgaggggg cagcctctgg      180
acacactcgg aggaaactgc aagggaact gccagagctg cagggcgctg agactgaact      240
gtgctacaac gtgaactgga cagctgaggc cctccccagt gctgaggaga caaagaagct      300
gatgtggctg tttggttgcc ccttactgct ggatgatgtt gctcgggagt cctggctcct      360
tcctggctcc aatgacctgc tggctggagg cgggcccagg ctgaacttct ccacccaac      420
atccaccaac atcgtgtcag tgtgccgcgc cactgggctg gggcctgtgg atcgtgtgga      480
gaccacccgg cgctaccggc tctcgtttgc ccaccccccg tcagctgagg tggagccat      540
tgctctggct accctgcacg accggatgac agagcagcac ttcccccatc ccatccagag      600
tttctccctt gagagcatgc cggaaccctt caatggccctt atcaatatac tgggtgaggg      660
ccggcttgcg ctggagaagg ccaaccagga gcttggctctg gctttagact cttgggacct      720
agacttctac accaagcgct tccaggagct acagcggaac ccgagcactg tggaggcctt      780
tgacttggcg cagtccaata gcgagcacag ccgacactgg ttcttcaagg gccagctcca      840
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ggaatcaaat gctcttctgc tgaggtcccc caaccgggac ttctgactc atgtcagtgc     1860
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tgaattaatt	ctcactaaaa	ttcagcaaaag	gacttgatag	cctctccccg	ccttttcaat	5340
aaaggatgaa	tgaagaaaaa	aaaaa				5365

<211> 581
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (528)...(334)
 <223> similar to gi4679018 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8285
tttttttttt ttcaaatgag ttggtttaat ttcaggatgat acaaagttaa gggtagaaca      60
aggaccaaag aacagactct ggcaagattc tgagctgggt ttacttttaa ttcacagtta      120
tggtaggaat gacttagtga aaacaactaa agagatgatg agccactgta agatttttct      180
ttttttacaa aagtttattc ttaaattgtac aacagctcca agacaacact taattccagc      240
tatacgtggc aaaagatggt atggcaggga atagagaggt ttaaatacag atgaaataaa      300
gggtcaccat ctctcagggc acaaggaaca gcttactttt tgccagattt cttaattcca      360
cctgtggcca agggccccct ccccgcgggc ttcgctttta gctcctcgag tttcttctgc      420
tcctcttttt gtttctgctt gaaagcctta tcttcctcgt ccattctcctt ggctgcttc      480
ttgggctggt tcagtggctt cttcttgcca ccttcgcggc cggacatggc gcctgccgcc      540
gcttccccag accctgccac cggaaagctc cttcagaaaa g                               581

```

<210> 8286
 <211> 1682
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (20)...(1030)
 <223> similar to gi4680691 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8286
ggcccgctcc aacatcagaa tggtaacagc tttcaggagc ctaccagccg gcagctccgg      60
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caaaatacaa gtgaatcacc cggcagttct gaggcgtgcg gaacaaatcc aggctcgcag      180
aaccgtgaaa aaggagtggc aggctgcttg gctcctgaaa gctgttacct ttatagatct      240
tactacactt tcaggatgat atacatcttc caacattcaa aggctctggt ataaagccaa      300
atacccaatc cgggaagatc tcttaaaagc tttaaatatg catgataaag gcattactac      360
agccgcogtt tgtgtttatc ccgcccgggt gtgtgatgct gtaaaagcac tcaaggctgc      420
aggctgtaat atccctgtgg catcagtggc cgctggattt ccagctggac agactcattt      480
gaagacacga ttagaagaga tcagattggc tgtggaagat ggagctacag aaatcgacgt      540
ggtaattaac agaagcttgg tgctgacagg ccagtgggaa gccctgtatg atgagattcg      600
tcagtttcgc aaggcctgtg gggaggctca tcttaaaact atattagcga caggagaact      660
tggaactctt actaatgtct ataaagccag tatgatagca atgatggcag gatcagattt      720
tattaagacc tctactggaa aagaaacagt aaatgccacc ttcccggtag ctatagtaat      780

```


gctgcggggc	attagagatt	tcttctggaa	aactggaaac	aagataggg	ttaaaccagc	840
aggaggcatc	cgcagtgc	aggattccct	tgcttggtc	tctcttgtaa	aggaggagct	900
tgagatgag	tggtgaagc	cagaactctt	tcgaataggt	gccagtactc	tgctctcgga	960
cattgagagg	cagatttacc	atcatgtgac	tggaagatat	gcagcttata	atgatcttcc	1020
aatgtcttaa	atcagtcacc	agttccagaa	aagttcttta	cgacaatgtt	taaaaattat	1080
ttttctacgt	aattgctaaa	attattta	taaaaaattg	ggcagtaggt	aactggcatt	1140
cctctcttta	aaatttctac	cgaactta	ggaatggaaa	aagcaaactc	atccacatgt	1200
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tttgtgaaga	gtttctccta	aaaacttta	gtaaaatgtt	aatggtagct	ttgataacat	1320
caaattctaa	gggagaaaaa	aacaatatta	aaccgcccc	agcagtgtgc	cctagcagag	1380
ggaaaatgca	acatctcgca	agcgtgctg	taacggactt	cagggagtca	ctgattcagg	1440
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tcattaaaa	ttttaaaata	ataaagttcc	tatagtttat	ttttttaaaa	aaacttaaaa	1620
attgttacaa	tacataatga	aaaaataatc	cattaaacat	aaaaagaggt	ttgatcaaaa	1680
aa						1682

<210> 8287

<211> 1938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (132)...(648)

<223> similar to gi4836723 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8287

catgtccttt	cagcaccaca	agctcgggct	gaggagggag	gactcctggc	cgctcctctc	60
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aaggcgta	ag gatggtga	ag ctgaacag	ag accccag	ag gaaggga	ag aagccgc	180
cagttgag	ga tggcttcc	ag accgtccc	ag tcatcact	ag cttggagg	ag aatcactt	240
agctgcct	gc tccagaaa	ag gtgattgt	ag agacaaga	ag ggaatatc	ag ccggaaca	300
agaacaa	agg gaagttcc	ag gtgccaaa	ag tcgctga	ag tacggtc	ag atcctt	360
gcctggcc	ct agctttcc	ag gcgtgc	ag tgttcct	ag ggtttaca	ag gccttc	420
atgatcac	ag ctgcccag	ag ggattcgt	ag ataagcac	ag acgctgt	ag ccagcct	480
tgatgctt	at ctactcct	ag caggaccc	ag attccaga	ag ccgcttct	ag acagtc	540
gccactac	ag cgtggcca	ag cagagc	ag cccgggcc	ag cgggccgt	ag ctgtcag	600
ccgtgtcat	ag ccatgag	ag aagccg	ag agaccag	ag ccactaga	ag cctgccc	660
ccagaatg	gg gggcg	gg gagagg	gg ccccat	gg ctaagcc	gg ctccagt	720
aagacaac	ac tgtactcc	gg ggatat	gg gcgggg	gg ggcagg	gg ggtggg	780
agaacgc	acc aaaaac	gt tgtgtg	gt agttgt	gt accgat	gt cttttg	840
cttggtat	tg ttgatt	gc gccagt	gc gctcat	aa aaaggc	tt ttcgtg	900
ttgttccc	at gtaagat	tt ttaaag	ct ctgctt	tt tttgtt	aa atgtaa	960
gcagaaa	agg aaagaa	caa aga	caa aagc	taa aact	cc atcaga	1020
acgttga	agg gcagtga	gc gcacag	gc tgtggg	tt tagata	aa aacgt	1080
tcagtgg	ggg ctccagg	gt gcagag	ag agtgac	ac accggg	tt tccatt	1140
ctgtggt	ctc cagggt	cc ccagg	tg tgagga	cc cgagct	ga gagaag	1200
gattttgg	ca ttactaa	gc cagaac	gc ataacc	gt gtgaa	ct ctggcc	1260

gtgcattttg	caagatgagc	acaaactttc	tgggcctcca	tcctaggacc	tgggcagacc	1320
cacatggcct	gggctctgaa	tgcccaccct	gcgacggtgg	gttctgcatc	agcaaacgct	1380
gaggagtggg	cagattttct	ttgtcttttg	cttgcatttt	ctagatccac	acctggatac	1440
tgcccatggt	gacgagacag	cagcaggggg	agagggaggg	aaggaagggtg	cggctgcaag	1500
aaggaaggca	cgggacaggc	atgtgacact	aggccacaag	cgataagcac	aggcacctga	1560
cttttaagtt	tttgtttgtt	tgttgtttcc	caaagtgtctg	ataacaataa	caacaacaat	1620
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acaatgccaa	atcgtttcta	aaggaagctg	aaaaatggga	ctgtcttttg	cccacttcgt	1740
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gaggcagcat	ccagccttga	ccaggcctcc	cagttccctg	gaaccgtatc	aggcattcgc	1860
ctgcctctca	caaagtgttc	agggaggcca	gttctgcagg	gtgtcagctc	caggaccac	1920
agggccagaa	ccagctgg					1938

<210> 8288

<211> 1743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (149)...(578)

<223> similar to gi3551195 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8288

cttcgtattg	ccgaaccggc	tcggaattcc	cgggtcgacg	tttcgtggac	caggcgcctg	60
tgctcctcc	tcgtccctcg	ccgcgtccgc	gaagcctgga	gccggcggga	gccccgcgct	120
cgccatgtcg	ggcgagctca	gcaacaggtt	ccaaggaggg	aaggcgttcg	gcttgctcaa	180
agcccggcag	gagaggaggc	tggccgagat	caaccgggag	tttctgtgtg	accagaagta	240
cagtgatgaa	gagaaccttc	cagaaaagct	cacagccttc	aaagagaagt	acatggagtt	300
tgacctgaac	aatgaaggcg	agattgacct	gatgtcttta	aagaggatga	tggagaagct	360
tgggtgtccc	aagaccacc	tggagatgaa	gaagatgatc	tcagaggtga	caggaggggt	420
cagtgcact	atatcctacc	gagactttgt	gaacatgatg	ctggggaaac	ggtcggctgt	480
cctcaagtta	gtcatgatgt	ttgaaggaaa	agccaacgag	agcagcccca	agccagttgg	540
ccccctcca	gagagagaca	ttgctagcct	gccctgagga	ccccgcctgg	actccccagc	600
cttcccaccc	catacctccc	tcccgatcct	gctgcccttc	ttgacacact	gtgatctctc	660
tctctctcat	ttgtttgggtc	attgaggggt	tgtttgtgtt	ttcatcaatg	tctttgtaaa	720
gcacaaatta	tctgccttaa	aggggctctg	ggtcggggaa	tcctgagcct	tgggtcccct	780
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cagaaggaaac	cctccagctc	tgctctctg	ccacacctgt	gcaggcagct	gagaggcagc	1260
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cttctctcat	ttgtcttct	accctactca	cataattcac	tcattgactc	actcattcac	1560
cagatattta	ttgacctgct	attataagct	ttacatcctc	ccatgttgct	ctggcatgtg	1620
cagtatacac	ggctctaactc	atctctcccc	agatctctca	gaaccttgag	cttggaatt	1680
gaactggggt	cacctgtgtc	ctttcttatg	gactcgcagg	attttagaac	cctaattgcac	1740
ccg						1743

<210> 8289

<211> 2682

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2485)...(1678)

<223> similar to gi2739372 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8289

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aaccggggcc	cggggaattga	attttggggc	cccataaaaa	aaattttacc	ttgccagccc	120
gggggcggtta	aacttgggttc	cttaaaacgg	gccccccctt	tttttttttt	ttcatttttg	180
tcatttatta	acctggaagc	aaatatgaca	aaacagtcac	actagtaagt	catctgaatt	240
ttttaaatct	cttaataaaa	caaccaaatac	ccacgcaaat	cagtccacaa	gggaggcccc	300
cgctccaca	gtgcagggtg	actgagtgtg	caactacggg	ccaacccccg	cctctcaacc	360
ggaagggagg	gcactcaaaa	gaggaattta	gagaaaaggc	ggagagggcg	gacctcgga	420
aagggctcgg	gcgggagccc	cacctggctc	cccacccctc	ccgaaaccag	gggaaaagcc	480
tgtggcggtg	cgctgctgtc	tcccattagc	agttacaggg	ccgaggcttc	ccgctgattg	540
gtggaaattc	cgatcttctg	atccctgatt	tgcataagaga	ctggggcctg	cacccccgcc	600
ccccaccagc	agcaatcggc	caacgccaac	ggtgctgcgc	caggagcggt	ctgggctcgg	660
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ggtcctttcc	ttcccacctg	tggttaaggat	agtttctgct	acggcaagca	ctcaaaactca	840
ggctgggttg	aagctaaagg	attcagacga	cttccaagta	tcaagaatga	aagaaaaaga	900
aacataataa	ggagcccacc	accaagactt	gtagttattt	cctcagaaag	cccccatgcc	960
ccatttgtga	caaaatccat	tctgaagac	tgattctaga	agaaaccaag	taagatctag	1020
aactttcccc	accagcatca	ctttccaaaa	tgtaggcaga	agtttaccaa	atacaattta	1080
ttcaggaaaa	aaataaattt	taagaactta	tttttatttt	attttagaac	ttaaaaataa	1140
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ggtaacagca	gcaggacacc	tcttccaaag	ctgtccacca	gccccactag	gggctcctac	1380
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caaagcaaac	acataacat	acaatgttaa	gaacctatta	tcagaacagc	agtgcagcag	1500
accttggtcc	tggtctctga	aagtccctgtg	tactggctg	taaggacgct	tggccacagg	1560
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ctcaggagtg	ttgtttcgcg	agttgttcac	cacagaagag	actgcatgga	aggtgatgtt	1860
ctctgttggg	tggattaatt	tcagagcttc	ctgagttgag	acttcaccaa	agtcaagcca	1920

tttagaaact	gcctcctctc	catctaatat	ggcaggcatc	ctgtggtgga	tgtcactcaa	1980
gcctttgcag	gaatccactg	tgatgatggg	ataggaatac	aggacatctc	ctccctctgg	2040
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tgttcgccca	cacattcttc	aacaccgccc	ctcgcaacct	cgccccggca	gcgcgcgtca	2640
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<210> 8290

<211> 1568

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (215)...(922)

<223> similar to gi5823570 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8290

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gaggcgaagc	cgaagagaag	caactgtgcc	ccggagaaga	gaagctcgcc	cattccagac	180
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cgtgtccatc	ctgctgcaga	gcgacaagaa	gctcaccag	gaacaagtat	ctgacagtca	360
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gaaggtagtg	ccaccttctc	ctatgactga	tcctactatg	tgacagaca	tgatgaaagg	540
gaatgtaaca	aatgtcctcc	ctatgattct	tattggtgga	tggtatcaaca	tgacattctc	600
aggctttgtc	acaaccaagg	tcccatttcc	actgaccctc	cgttttaagc	ctatgtttaca	660
gcaaggaatc	gagctactca	cattagatgc	atcctgggtg	agttctgcat	cctggtactt	720
cctcaatgta	tttgggcttc	ggagcattta	ctctctgatt	ctgggccaag	ataatgccgc	780
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tactgataat	atataaaatc	ttggccgggc	acagtggctc	acgcctgtaa	tcccagcact	1320
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atggtgaaac	cccgctctcta	ctaaaataca	aaaattagcc	gggcgtggtg	gcaggcgcct	1440

gtaatcccag	ctacttgaga	ggctaaggca	cgagaatcgc	ttgaacctag	gaggcggagg	1500
atgcagttag	ctgacatcgt	gccactgcgc	tccagcctgg	gcgacagagc	aaaactccat	1560
ctgaaaaa						1568

<210> 8291

<211> 3252

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3042)...(2298)

<223> similar to gi3876260 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8291

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ttacacaaat	tatgtgatat	ctaagagaca	gcagagcagg	gacatggaaa	cttaacacag	180
acaaccttca	agttgcacat	tttaattttac	aattttttacc	aataaaaagg	attagttttac	240
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actgtcatgt	tttgccctgt	caagtcaaaa	ctcaaatagc	ttgttttggt	aaaattattc	360
cagaaacata	atccagacaa	aatcaataac	gtcatcagct	tcctaaccat	gtttaagagg	420
aataacttca	tgaacatttt	gccctgaact	gaagagttct	aaataactgt	aaacctttag	480
gaaaaaatga	ctgctcgcag	gcagctgact	ggtaagaggg	tacaccagag	actccgggtc	540
actcactgtc	agaatattct	tatacataca	atgagttctc	acgcctgtac	aatgagtgtg	600
cgtgcaacat	aattggagta	atggcctcta	aaatttttaca	agtaaaacttt	attgtggcca	660
cagatgaaca	acaaaacatg	acagttaagg	ttcagactct	ccccacctat	tttatcatat	720
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taaaataaaa	taactgtgtg	aaaagccatg	gccttcaaaa	aactttattt	ggttatgagc	1020
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attcacagag	cttgtacatt	catgactcaa	aataacacac	cctcaaacc	aatgatttct	1140
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aatgatctac	gtgcagagag	gagctgcgcc	ttcctcacia	ttaattgaaa	catgaccaa	1260
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cggtttaaac	ctaaccatg	ttagctgcaa	ctccactaca	gtcttgatca	cttagctcag	1560
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tgtagtcagt	tttgcaattt	gcacagttgg	tatttgttct	tcacagcagt	aaggacttga	2100
atgagaatcg	tgaaacttgt	ggaacactta	tatttttctt	cgggatttaa	gaaactttgt	2160
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tgatcgccgg	gatgtcctg	aaccagttct	cgatgtccga	catcttcgac	ccacaggtag	3060
ccaagatgca	caagaccgcc	cgactccccg	tgccgacccc	ctcacgacgc	ggccggctcc	3120
gcgactgtta	ggtgtctagg	tggaagccgc	cgaagccgcg	atgcagaagg	cggagacggg	3180
cggacgtggc	gccaccgaat	tcggaccagc	gaggcagcct	tctgaggcga	aacttcccct	3240
tccggcacga	aa					3252

<210> 8292

<211> 899

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (351)...(638)

<223> similar to gi4886451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8292

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gccgtctctg	gagagcagca	gccatggccc	tacgtacccc	tatggccgtg	ggcctcaaca	180
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acgagcggcg	cgccatggag	ttactgaagg	tctccaaggga	caaacggggc	ctcaaaaagg	360
gccacaaagt	gaccaagaac	gtgagcaagc	ccaggcacag	ccgacgccgc	ggcgctctga	420
ccaaacacac	caagttcgtg	cgggacatga	ttcgggaggt	gtgtggcttt	gccccgtacg	480
agcggcgcg	catggagtta	ctgaaggctc	ccaaggacaa	acgggccctc	aaatttatca	540
agaaaaggg	ggggacgcac	atccgcgcca	agaggaagcg	ggaggagctg	agcaacgtac	600
tggccgccat	gaggaaagct	gctgccaaga	aagactgagc	ccctcccctg	ccctctccct	660
gaaataaaga	acagcttgac	agaagccctg	gctctcctgc	tgtccgtggg	tgggtgtggg	720
tgtgtcgggg	gccgcagtc	ccctgtctgg	tgcccgcctc	gagccacacc	ctctccgggt	780
gctgcctgg	cgtgaatcaa	aagccgtggc	ccgccacccc	ttcccgggg	agcaggtgag	840
gaagccgcg	tactgcaaat	gactttaatc	attaaatagc	ttctatgcca	aaaaaaaaa	899

<210> 8293
 <211> 2418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1358)...(1814)
 <223> similar to gi2304746 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8293

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gctggcctgc	aaagccatag	agcatctggc	ctgagctctc	caatcatctg	ggcaaacttg	120
cacaggcgag	gccccattga	ctgctctcct	gagccacaga	actaaggccg	tatagctacc	180
ttactggggt	agcagcccaa	gtgcactgtc	tccatgtgtc	tggtgggtct	ccagattgaa	240
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ttaataaatg	gtttaatttt	tgccctgaggg	aaaaatagct	acttttctcc	aataatacaa	360
aacataatgt	tctaaatgaa	atgaaattga	aaaagcagca	tgatgctctg	ttaaaatcag	420
aggtttcttt	ctcttttctt	tgttttctaa	cataagtgac	tttatgtgag	gtctaaactg	480
aatctttact	gtttctctta	gttttaaaact	ccttatacat	attttctttg	catttctcac	540
tgtagagtta	ggacctgaat	ctttttctgc	cattttatgt	tgctggtata	agaaatgatg	600
aaattttgac	tttgacagaa	actaacgagg	ttacctttta	actgctagaa	tactgatact	660
gtgttttaaa	aagttacata	aagggtacta	gtgtccattt	aaataacctat	aataacgcac	720
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aacagtatta	gccatagact	ctattcacca	acttggattc	atccacagag	acatcaaacc	1500
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tcaaagtga	ttgttttaga	cagatgacac	ctctttcagt	aagatgtatc	ccactccatt	1980
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taagtatatc	cttgggtggtt	ccgggtgagt	ctatctgggt	gctttggctt	caggaacatg	2340
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<210> 8294

<211> 2047

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (93)...(763)

<223> similar to gi4929767 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8294

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agccgcccc	agaactgggt	aatgagtggt	cattgaagat	aagaaaggaa	atgagagttg	180
ttgacaggca	aataagggat	atccaaagag	aagaagaaaa	agtgaacga	tctgtgaaag	240
atgctgccaa	gaagggccag	aaggatgtct	gcatagttct	ggccaaggag	atgatcaggt	300
caaggaaggc	tgtgagcaag	ctgtatgcat	caaagcaca	catgaactca	gtgctcatgg	360
ggatgaagaa	ccagctcgcg	gtcttgcgag	tggtggttc	cctgcagaag	agcacagaag	420
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tgtccaaaga	aatgatgaag	gctgggatca	tagaggagat	gttagaggac	acttttgaaa	540
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agtatagaca	gatatatctt	attgtgggga	ggggaaagaa	atccatctgc	tcatgaagca	1020
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agctggttgt	cttgtgcgtg	ggacatgggc	cttcctatct	gtgttttctc	aaagtcagga	1560
gctgaccagg	agcacactaa	ggtgtgggtca	tgcatacata	ccaacattca	ctcatctggg	1620
acattcttaa	gatacattta	taaatcattt	cagcagtagt	actttgtatg	tgttgagagt	1680
ttacagagct	ctttgacata	cgcgatctta	gtctttacaa	ataaggaaaa	cagctcagtt	1740
tgggaagtat	cagagatggg	attcaaacc	agatcctctg	gtccaagttg	tatgtgcact	1800
gaactaatca	ggcaggaaaa	aagcccagcc	actgtctcac	agattgtttt	ttgtatattg	1860
tagcaaaatc	ctgaacaat	ggggtccttc	cagtctcatc	atacaaaatg	gcaatcttgg	1920
ctgggtgcgg	tgggttcatg	ctataatccc	agtgttttac	aaggctgagg	caggaggctc	1980
tcttgagaat	aggagttcaa	gaccagcctg	ggcaacatag	caagatcctg	tctctccaaa	2040

aaaaaaaa

2047

```
<210> 8295
<211> 1958
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(1139)
<223> similar to gi4210353 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 8295
acgaatcccc gtgtcgatga tttcacgggc ggcgcagagg cggcaggaag atggagttgg      60
ggagttgcct ggagggcggg agggaggcgg cggaggaaga gggcgagcct gaggtgaaaa      120
agcggcgact tctgtgtgtg gagtttgcct cggtcgcaag ctgcatgcc gcagtggctc      180
agtgtcttct ggccgagAAC gactgggaga tggaaagggc tctgaactcc tacttcgagc      240
ctccggtgga ggagagcgcc ttggaacgcc gacctgaaac catctctgag cccaagacct      300
atgttgacct aaccaatgaa gaaacaactg attccaccac ttctaaaatc agcccatctg      360
aagatactca gcaagaaaat ggcagcatgt tctctctcat tacctggaat attgatggat      420
tagatctaaa caatctgtca gagagggctc gaggggtgtg ttctactta gctttgtaca      480
gccagatgt gatatttcta caggaagtta ttccccata ttatagctac ctaaagaaga      540
gatcaagtaa ttatgagatt attacaggtc atgaagaagg atatttcaca gctataatgt      600
tgaagaaatc aagagtgaaa ttaaaaagcc aagagattat tccttttcca agtaccacaaa      660
tgatgagaaa ctttttatgt gtgcatgtga atgtgtcagg aatgagctt tgccttatga      720
catcccatct ggagagcacc agagggcatt ctgcggaacg aatgaatcag ttaaaaatgg      780
ttttaagaaa aatgcaagag gctccagagt cagctacagt tatatttgca ggagatacaa      840
atctaaggga tcgagagggt accagatgtg gtggtttacc caacaacatt gtggatgtct      900
gggagttttt gggcaaacct aaacattgcc agtatacatg ggatacaca atgaactcta      960
atcttggaaat aactgctgct tgtaaacttc gttttgatcg aatatttttc agagcagcag      1020
cagaagaggg acacattatt ccccgaagtt tggaccttct tggattagaa aaactggact      1080
gtggtagatt tcctagtgt cactggggtc ttctgtgcaa cttagatata atattgtaaa      1140
atgcttttca agtgtggggt ttgacctgat tgttgcaaat acaatttcca ccttctggaa      1200
aggtagggtt gctgtggagg aaataatgta ctagatcatt gtcacagaaa aaccaactat      1260
gatttatggg tgtgttttca gaattcaaca ttaagatta atgtttattt aaacgaacac      1320
attcctgcat tcaggatgtg aggccattta ataaaaaggg cacaagcct gtcagagttt      1380
tcaacggtgc ttatagctgc cagctggatt ccaaacaggt accccattgt ctctgagcta      1440
atgtttatat ttttccattc aggcaccgaa atagttaata tttaaaataa gtcttcaaaa      1500
gaaaacataa gagattattg agttcttggg actggatcct ttatttcata agttcagatc      1560
atcttaaatg aaaatgccat gattatctgc agttaagtag atgacagcta ttctacatca      1620
gacttgattt ttgtcagcta attacataat tggtaagcta taattgaaac cttatggctt      1680
aaaattcctt aactcctttt tgattcatgt ttgtagtcat gttgtcaaca gaggcaaagt      1740
taagcttgat gatggttaaa atcggtttga tagcaccatg ggacattttt ctaacacaaa      1800
taaatgcatg aagagacata gccttttagt tttgctaatt gtgaaatgga aatgctttac      1860
aggaagtaaa tgcaaattac ttttaagtgt gctttaaaga aaaatatatt ccccaacaaga      1920
gaaatttaaa taaagaattt tatttgttaa aaaaaaaaa      1958
```

<210> 8296
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (172)...(590)
 <223> similar to gi3153876 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8296

gcgagccgag	acggctacat	ggacgccact	atcgccccgc	accgtatccc	ccccgagatg	60
ccccagtacg	gggaggagaa	ccacatcttc	gagttgatgc	aggcaatgtg	gctctgcaaa	120
catctgaaca	gcagtctcct	cacctggag	aacctgatct	taaatgagtt	ttcctatacg	180
gccaccgaag	ccagaaggct	ttatctgcaa	aggaagacag	ttcccagcgc	gctgctcgtc	240
cagctgattc	aggaacgcct	ggctgaagag	gattgcatca	agcagggctg	gattctggat	300
ggcatccctg	agacgcgtga	gcaggctctg	aggatccaga	ccctggggat	cacaccaga	360
cacgtcattg	tgctgagtgc	tccagacacg	gtcctgatcg	agagaaactt	ggggaagaga	420
atcgaccctc	aaactggaga	gatttatcac	accacctttg	actggccacc	cgaatctgaa	480
atccagaacc	gtctcatggt	gccagaggac	atctcagagc	tggagacggc	tcagaaactg	540
ctggagtatc	ataggaacat	cgtcagggtc	attccctcct	accccaaaat	cctcaaagtc	600
atcagtgtctg	accagccatg	tgtggacgtc	ttctaccagg	ctctgacctt	tgtccaaagc	660
aaccatcgta	ctaattgccc	gttcaccccg	aggggtgctgc	tgctcgggcc	tgtgggcagt	720
g						721

<210> 8297
 <211> 1806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1539)...(477)
 <223> similar to gi458542 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8297

ggaattcctt	gtggctgggg	actaaggagg	aaagattaag	gggtatggct	gaattcccc	60
gtcaccctt	gccctcaggc	ttccttcttc	ctttcccttt	ggctaattcct	gcatgggatt	120
agctgacct	cctgttttcc	atcccagagc	ctcccaaggc	tgggaaagta	gggctgaagg	180
gctagatggt	tggtctcagg	aagtggggcc	caccattcc	cagaaggagc	ttctttacct	240
cttagccctg	aggtttcctc	cttcccatct	tctgtgcttc	cagagaacaa	ctttgttctt	300
atggtcaccc	ccactatccc	catgaccgca	tgaagaggca	gttattgctt	tagtctttca	360
ttgcaaccac	tgggctccct	ttgaaccggg	cccaatcttt	ggtcccagca	ttttccct	420

ccagtgtatc	caggggtgttc	caggtgagct	ggggaaggaa	gtgagcatgg	cctcagctgc	480
agatctcctg	gagcagcggc	atcatggcag	acaggccctg	gatgtgctgg	atttggtacc	540
cgtaggcctc	attaatgctc	cggagctcag	ccagcaggcc	tagcaacttc	gcatacagaa	600
accgatcccc	gggccttcgc	tgctggccct	tgatgtagct	ttgcagagtc	agtgccatct	660
cctcttgca	ctgatcaatc	tcatctctct	gggtaactcc	aggtcggtct	gtaagatagg	720
gagcaggaga	gaagagggcc	atggcagcca	agagcacata	ctcaggctct	tggagctgca	780
gttttcgtag	tgttccatgg	aagtgaagaa	gcaactccaa	aaactctacc	tggaaaccca	840
cacgggctcc	atcttcaatt	gtgtagcgaa	gaggcccgc	gaggaagttt	tgtgtttgga	900
gacagaaagt	ggtattgagt	acgatgtgac	agatttccac	agctgctccc	ttgagaaggg	960
agatctggtc	ttcaatgggc	agggaaacgga	agacgggcag	gtccttagta	aacttgatga	1020
cttgcagtac	catgaaagtg	ttgatgtctg	cgaagtgtgt	gaccagaggc	agcacagggg	1080
ccaggggtgg	caagggctgg	tgatggatga	acagatgagc	tggaggccta	aactgcacaa	1140
actgttcaaa	catggtgccc	atgtggcggg	tgtgggcccc	caggagtgtc	cggatcagct	1200
cttcttgctc	cttactcagt	tgcacaggtg	tttgctgtgc	ccgccgctgg	gcctgctttg	1260
ctcgccgcaa	tgccagggct	tctgccgaca	gtatcatgtc	tttctcatg	ccagcatcta	1320
agcacttctg	caacctgcag	gctggggcagt	ggcgccctctg	agtcttgctg	acttcacagc	1380
ttccagcaaa	ggggcagggtg	ggaccaatgc	ttttgctgac	tgttctcctg	aagaaaccct	1440
tgcagccctc	acaagtcagc	gcattaaagt	ggtagcctgt	ggcttggtcc	ccacatacca	1500
cacagttcct	cagctcatct	tccctactgg	ccatgacgtc	acgtgttggg	gtggctgtca	1560
cagactcctg	cttctcttag	gcagcatgtc	acctgcaggc	cacagaatct	ggtatggaat	1620
gcctctcccc	aaactccac	gctgttgctg	gttttctctc	gatctcagga	gttgccagtg	1680
attggagtta	ggattatcat	ccctcctgct	gcccagcagt	ggtcagtcac	ttttcatgag	1740
ggatggacta	ggaaaatgaa	gtgtctatta	taaggagagt	tcctgtaact	taaggagcaa	1800
gtcac						1806

<210> 8298

<211> 1617

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (164)...(1403)

<223> similar to gi512485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8298

gtggcgctg	ctctccatcc	aggccccatt	ccggctccca	cccagcgtg	cttttgttcc	60
cacgtttcgg	ggggcagctg	gcactgtgat	tcctgcccc	tgagtgccta	gaggcacgga	120
gccaccagg	atcacccac	gtgggacaca	gggcttgggg	aggatggggc	aggaccagac	180
caagcagcag	atcgagaagg	ggctccagct	gtaccagtc	aaccagacag	agaaggcatt	240
gcaggtgtgg	acaaaggtgc	tggagaagag	ctcgacctc	atggggcgct	tccgcgtgct	300
gggctgcctg	gtcacagccc	actcggagat	gggccgctac	aaggagatgc	tgaagttcgc	360
tgtggtccag	atcgacacgg	cccgggagct	ggaggatgcc	gacttcctcc	tggagagcta	420
cctgaacctg	gcacgcagca	acgagaagct	gtgcgagttt	cacaagacca	tctcctactg	480
caagacatgc	cttggcgtgc	caggtaccag	ggcaggtgcc	cagctcggag	gccaggtcag	540
cctgagcatg	ggcaatgcct	tcctgggcct	cagcgtcttc	cagaaggccc	tggagagctt	600
cgagaaggcc	ctgcgtacg	cgcacaacaa	tgatgacacc	atgctcgagt	gccgcgtgtg	660
ctgcagcctg	ggcagcttct	atgccaggt	caaggactac	gagaaagccc	tggtcttccc	720
ctgcaaggcg	gcagagcttg	tcaacaacta	tggcaaaggc	tggagcctga	agtaccaggc	780

catgagccag	taccacatgg	cctgggccta	tgcctgctg	ggccgcctgg	gcagtgccat	840
ggagtgttgt	gaggagtcta	tgaagatcgc	cctgcagcac	ggcgaccggc	cactgcaggc	900
gctctgcctg	ctctgcttcg	ctgacatcca	ccggagccgt	ggggacctgg	agacagcctt	960
ccccaggtac	gactccgcca	tgagcatcat	gaccgagatc	ggaaaccgcc	tggggcaggt	1020
gcaggcgctg	ctgggtgtgg	ccaagtgtg	ggtggccagg	aaggcgctgg	acaaggctct	1080
ggatgccatc	gagagagccc	aggatctggc	cgaggagggtg	gggaacaagc	tgagccagct	1140
caagctgcac	tgtctgagcg	agagcattta	ccgcagcaaa	gggctgcagc	gggaactgcg	1200
cgcgcacgtt	gtgaggttcc	acgagtgcgt	ggaggagacg	gagctctact	gcgcgctgtg	1260
cggcgagtc	ataggcgaga	agaacagccg	gctgcaggcc	ctaccctgct	cccacatctt	1320
ccacctcagg	tgcttcgaga	acaacgggac	ccggagctgt	cccaactgcc	gccgctcctc	1380
catgaagcct	ggctttgtat	gactcctggc	aggaggcgct	gggcttcctc	ctggggcgact	1440
cctgctcttt	ctccactgca	cgccagaggc	ccatttactc	ctggggcgagc	tgccaggctcg	1500
tcctcaccat	agccaatggc	cttggggcct	gcccagggct	gctcccctgg	gcccagctcc	1560
cctgccttgc	ctctttgtac	tttgcctctt	atagaaaaat	aaactgtttg	tacctgg	1617

<210> 8299

<211> 1585

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (46)...(1295)

<223> similar to gi3724099 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8299

agactctgtc	ttcagccagg	cactccctcc	ctccctccca	gcactatgcc	ctacaacttc	60
tgctgcccc	gcctgagctg	ccgcaccagc	tgctcctccc	ggccctgcgt	gccccccagc	120
tgccacagct	gcacctgcc	cggggcctgc	aacatccccg	ccaatgtgag	caactgcaac	180
tggttctgcg	agggctcctt	caatggtagc	gagaaggaga	ctatgcagtt	cctgaacgac	240
cgctggcca	gctacctgga	gaaagtgcgt	cagctggagc	gggacaacgc	ggagctggag	300
aacctcatcc	gggagcggtc	tcagcagcag	gagcccttgc	tgtgccccag	ttaccagtc	360
tattttaaga	ccattgagga	gctccagcag	aagatcctgt	gtaccaagtc	tgagaatgcc	420
aggcttgttg	tgcatatcga	caacgccaag	ctggctgcgg	atgatttcag	aaccaagtac	480
cagaccgagc	tgtccctgcg	gcagctgggtg	gagtcggaca	tcaacggtct	gcgcaggatc	540
ctggatgagc	tgacctgtg	caagtccgac	ctggaggccc	aggtggagtc	cctgaaggag	600
gagctgctct	gcctcaagag	caacctagag	caggagggtca	ataccctgcg	ctgccagctt	660
ggagaccgcc	tcaatgtgga	ggtggatgct	gctcccactg	tggacctgaa	tcgggtgctg	720
aacgagacca	ggagtcahta	tgaggccctg	gtggaaaacca	accgcaggga	agtggagcaa	780
tggttcacca	cgcagaccga	ggagctgaac	aagcagggtg	tatccagctc	agagcagctg	840
cagtcctacc	aggcggagat	catcgagctg	agacgcacag	tcaacgccct	ggagatcgag	900
ctgcaggccc	agcacaacct	gcgagactct	ctggaaaaca	cgctgacaga	gagtgaggcc	960
cgctacagct	cccagctgtc	ccagggtgcag	agcctgatca	ccaacgtgga	gtcccagctg	1020
cgggagatcc	gcagtgaact	ggagcggcag	aaccaggagt	accagggtgct	gctggatgtg	1080
cggtcccggc	tggagtgtga	gatcaacaca	taccggagcc	tgctggagag	cgaggactgc	1140
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ctctccaatc	cctgtacctc	ttgtgtccct	cctgccccct	gcacaccctg	tgccccagcg	1260
ccccgctgtg	ggccctgcaa	ttccttcgtg	cgctagaacc	tagggaatgc	cagaggagca	1320
aggatgcagg	gcccaggact	ccagagctgt	gacctggctc	tggttcaaca	aaaggggcct	1380

gaaaacatca	tttgcattggc	tggagttgcc	cgcgtaaggc	agccaagaaa	ctcaccctaaa	1440
gcctgtagcc	tccccaacta	ctccagactg	tctgtctcac	cctttccttc	ctgggggtct	1500
gttccttcct	atgtcaccc	agagaactct	ctgatgtgcc	agtggccctc	ccttttaacc	1560
tcctaataaa	tatcatttcc	ttggc				1585

<210> 8300

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (69)...(365)

<223> similar to gil65924 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8300

ttggcccga	actctcgggt	ctaccacgc	gtccgaagaa	actgaaagct	aaccagacgc	60
ccattgccat	ggattgctgt	gcctctcgca	gctgcagtgt	ccccactggg	cctgccacca	120
ccatctgctc	ctctgacaaa	tctgcccgt	gtggagtctg	cctgcccagc	acctgccac	180
acacagtttg	gttactggag	cccacctgct	gtgacaactg	tccccaccc	tgccacattc	240
ctcagccctg	cgtgcccacc	tgcttctgc	tcaactctctg	ccagccaact	ccaggcctgg	300
agaccctcaa	cctcaccacc	ttcactcagc	cctgctgtga	gccctgcctc	ccaagaggct	360
gctaattgat	ggctactttg	ctcagtgcct	gagattgaaa	aagtcaacat	agaagcttta	420
gcattcacct	atctcagtac	ctacaactaa	tgtactctgc	tttagaaatt	ggaacaagga	480
tgag						485

<210> 8301

<211> 2031

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (218)...(1406)

<223> similar to gi434306 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8301

gtccggaaat	tctgcgaaga	cccacgcgtc	cgactaagct	tgccctaattt	gcttcagaat	60
tggaagaggg	aattgcagca	ggaaaatatg	tgaagagttt	ttaaaccac	aaattcttct	120
tactttagaa	ttagttgtta	cattggcagg	aaaaaataaa	tgcatgtgtt	ggaccatgtt	180
ggaaaccttg	tcaagacagt	ggattgtctc	acacagaatg	gaaatgtggc	ttctgattct	240

ggtggcgtat	atgttccaga	gaaatgtgaa	ttcagtacat	atgccaaacta	aagctgtgga	300
cccagaagca	ttcatgaata	ttagtgaat	catccaacat	caaggctatc	cctgtgagga	360
atatgaagtc	gcaactgaag	atgggtatat	cctttctgtt	aacaggattc	ctcgaggcct	420
agtgcacact	aagaagacag	gttccaggcc	tgtggtgtta	ctgcagcatg	gcctagtgtg	480
aggtgctagc	aactggattt	ccaacctgcc	caacaatagc	ctgggcttca	ttctggcaga	540
tgctggtttt	gacgtgtgga	tggggaacag	caggggaaac	gcctgggtctc	gaaaacacaa	600
gacactctcc	atagaccaag	atgagttctg	ggctttcagt	tatgatgaga	tggctaggtt	660
tgaccttcct	gcagtgataa	actttatttt	gcagaaaacg	ggccaggaaa	agatctatta	720
tgctggctat	tcacagggca	ccaccatggg	ctttattgca	ttttccacca	tgccagagct	780
ggctcagaaa	atcaaaatgt	attttgcttt	agcaccata	gccactgtta	agcatgcaaa	840
aagccccggg	accaaatttt	tgttgctgcc	agatatgatg	atcaagggat	tgtttggcaa	900
aaaagaattt	ctgtatcaga	ccagatttct	cagacaactt	gttatttacc	tttgtggcca	960
ggtgattctt	gatcagattt	gtagtaatat	catgttaact	ctgggtggat	tcaacaccaa	1020
caatatgaac	atgagccgag	caagtgtata	tgctgcccac	actcttgctg	gaacatctgt	1080
gcaaaatatt	ctacactgga	gccaggcagt	gaattctggg	gaactccggg	catttgactg	1140
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cagagatatg	acgggtcccta	cagcaatgtg	gacaggaggt	caggactggc	tttcaaatcc	1260
agaagacgtg	aaaatgctgc	tctctgaggt	gaccaacctc	atctaccata	agaatattcc	1320
tgaatgggct	catgtggatt	tcctctgggg	tttggtatgct	cctcaccgta	tgtacaatga	1380
aatcatccat	ctgatgcac	aagaggagac	acaacctttc	ccaaggacgg	cgtgaggccg	1440
tattgtgaag	catctgacac	tgacgatctt	atgacaacct	cctgagggat	ggggctagga	1500
cccatgaagg	cagaattatg	gagagcagag	acctagtata	cattttttcag	attccctgca	1560
cttggcacta	aatccgacac	ttacattttac	attttttttc	tgtaaattaa	agtactttatt	1620
aggtaaatag	aggttttgtg	tgctattata	tattctacca	tcttgaaggg	taggtttttac	1680
ctgatagcca	gaaaatatct	agacattctc	tatatcattc	aggtaaactct	ctttaaaaaca	1740
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cagatattga	ggtctggagt	ctgtggatta	ttgttgactt	tgacaaaata	agctagacat	1860
tttcaccttg	ttgccacaga	gacataacac	tacctcagga	agctgagctg	ctttaaggac	1920
aacaacaaca	aatcagtggt	tacagtatgg	atgaaatcta	tgtaagcat	tctcagaata	1980
aggccaagtt	ttatagttgc	atctcaggga	agaaaatttt	ataggatgtt	c	2031

<210> 8302

<211> 5525

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (135)...(4538)

<223> similar to gi30058 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8302

tcgacccacg	cgtacgcgga	cgcgtgggat	gacgggcccg	gtgctgaagg	gcagggaaca	60
acttgatggt	gctactttga	actgcttttc	ttttctcctt	tttgcacaaa	gagtcctcatg	120
tctgatattt	agacatgatg	agctttgtgc	aaaaggggag	ctggctactt	ctcgctctgc	180
ttcatccac	tattattttg	gcacaacagg	aagctgttga	aggaggatgt	tcccatcttg	240
gtcagtccta	tgcggtataga	gatgtctgga	agccagaacc	atgccaaata	tgtgtctgtg	300
actcaggatc	cgttctctgc	gatgacataa	tatgtgacga	tcaagaatta	gactgccccca	360
accagaaat	tccatttgga	gaatgttgtg	cagtttgccc	acagcctcca	actgctccta	420

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<210> 8303

<211> 1913

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (591)...(1376)

<223> similar to gi4495063 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8303

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<210> 8304

<211> 1216

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (144)...(1078)

<223> similar to gi841197 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8304

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<210> 8305

<211> 4394

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (151)...(1563)

<223> similar to gi3435201 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8305

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aaaaaaaaag	gggg					4394

<210> 8306

<211> 2782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<222> (1)...(2783)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (77)...(714)
<223> similar to gi31218 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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catcgtcac cgtgctgctga agatctggaa gacgcgctcc tgcgccggta tttctgggaa      180
aagccagctt ctgtttgcac tgggtctcac aactcgttac ctggatcttt ttacttcatt      240
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<210> 8307

<211> 1543

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(1444)

<223> similar to gi4959421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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cccggctgtc	cgtgagtccc	ccttcgctgc	gggacctgct	gccccgcaca	gcgcagctgc	180
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ccagactcag	gcgacagctg	gccaagctgg	ccatcatctt	cagccacatg	cacgcagagc	420
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ccgcccacac	cttctggagg	gaaagtgtcg	gagcccgggt	tgtgctgccc	tgggctgagt	540
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gactcctaaa	ggggaaactcc	cctccagctg	cgctgggacc	ccaggaccct	gccccggcct	1440
gaaggccagg	gcacccagat	gtgctgctca	agggagcccc	aagggtctgga	agggggttgt	1500
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<210> 8308

<211> 1669

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (88)...(875)

<223> similar to gi5912096 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8308

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aatttggctc	tcattgataa	acaagagagt	gagattactt	atctggtacc	atggtgcaaa	540
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tcggatcctg	tttaacaaag	atacttgaga	catccatttg	ttttaatgaa	atctgtatgg	1620
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<210> 8309

<211> 3803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1478)...(2695)

<223> similar to gi5911997 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8309

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ccccggcccc	accccgccg	agctgccctg	gaccaatatt	gacctcaagg	aggccaagaa	240
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<210> 8310

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (617)...(113)

<223> similar to gi2979568 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gcgactgtca	acattctggg gctggggagc aaagtgtgtg acagaaggaa ctgtgccagc 660
accagtatcc	aagcagtgtc ggtggaacta ggacagacag agaagttgca gaaggagtgc 720
ggaccagctc	aagatattag accccaggtg cctggtctat gtgtcacttc ttttctccac 780
taacacacat	ctggccattt ctattctcct gaacatccca ggtgtcccca gtccttcagg 840

<210> 8311

<211> 1037

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (849)...(787)

<223> similar to gil401301 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8311
gccttttccct ctcccaggtg cgcttccctg cttgatctgt gtaccctgct ctttctcctt    60
cattccgcag cctcctttgc cctgtgacct gcaggtactg gacggtcctt agagaggata    120
ccgggacgct cctgaagccg cgagatgatt tcaagcagat gcagcctgac cattagggcc    180
aaggccaaat tgcaaaaaaa aaaaaagttg gcctttattc tactccatcc acatctaaac    240
tttggaggcc agggctgggg acagatcaaa aaacatagtt ccctccttct ggggctccac    300
atccttcatt cactgatctt tggaaaggag gatgggtggc aggatgggtc ttccatgata    360
ctgaaggagg agccacatgt tgatgcccag gaccagctgc ctccttgggtc tgaaaggcct    420
gatcgaggcc aggattggct atgagagctg ggaaatggga ccatctttga agccatggga    480
gagggtgaga gccaccatca ctcattgttct tgaatgggaa ctgcctggag accctgaaga    540
agaaggagcc tgaaggagga aggaggaggc tgagccatcc cgggaacatg ggctggatga    600
ggccaagcca ggagacgaca ccaccagata gaagtcacca ttcaggattt ggacttttct    660
gtggagatcc tggccccgag atcgaaccct tctccctgtg ggtgttcccg caggagatgg    720
tgctggagat ccaccagctg ttcattggacc atgaataccc atgtcaccac atcacttctc    780
actgcacctg ggtggcagca cactggacca cgtctcagag ctgcgcagca tggcagggtc    840
gcaggcgggc ttgctgctcc acgtggtgga agagccctgc acaatgcaca aggccacgg    900
tgatgagtgc cacatttgag actgctcagg agcctggacc cagctgatgc agctccttgt    960
ccttcctgag cgtcttcact gacagaggcc tgagagacgg caggagcaga aagacttgga   1020
gatggacccc accgact                                     1037

```

<210> 8312

<211> 2587

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (96)...(1387)

<223> similar to gi5932438 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8312
agatgccgga ccgctccttc ccagctcctc cccgtgctcg ctaacacagc acggccgcct    60
gcagtctcct ctctgggaga tcgcgcgggc ctaagatgtg tcctggggca ctgtgggtgg    120
ccctgccccct gctgtccctg ctggctggct ccctacaggg gaagccactg cagagctggg    180
gacgagggtc tgctggggga aacgcccaca gccactggg ggtgcctgga ggtgggctgc    240
ctgagcacac cttcaacctg aagatgtttc tggagaacgt gaaggtggat ttctgcgca    300
gccttaacct gagtgggggt ccttcgcagg acaaaaccag ggtggagccg ccgcagtaca    360
tgattgacct gtacaacagg tacacgtccg ataagtcgac tacgccagcg tccaacattg    420
tgcggagctt cagcatggaa gatgccatct ccataactgc cacagaggac ttcccccttc    480
agaagcacat cttgctcttc aacatctcca ttcctaggca tgagcagatc accagagctg    540
agctccgact ctatgtctcc tgtcaaaatc acgtggaccc ctctcatgac ctgaaaggaa    600
gcgtgggtcat ttatgatgtt ctggatggaa cagatgcctg ggatagtgtc acagagacca    660
agaccttcct ggtgtcccg gacattcagg atgagggtcg ggagaccttg gaagtgtcca    720

```

gcgccttgaa	gcgctgggtc	cggctccgact	ccaccaagag	caaaaataag	ctggaagtga	780
ctgtggagag	ccacaggaag	ggctgcgaca	cgctggacat	cagtgtcccc	ccagggtcca	840
gaaacctgcc	cttctttgtt	gtcttctcca	atgaccacag	cagtgggacc	aaggagacca	900
ggctggagct	gagggagatg	atcagccatg	aacaagagag	cgtgctcaag	aagctgtcca	960
aggacggctc	cacagaggca	ggtgagagca	gtcacgagga	ggacacggat	ggccacgtgg	1020
ctgcggggtc	gacttttagcc	aggcggaaaa	ggagcgccgg	ggctggcagc	cactgtcaaa	1080
agacctccct	gcgggtaaac	ttcgaggaca	tcggctggga	cagctggatc	attgcaccca	1140
aggagtatga	agcctacgag	tgtaaagggc	gctgcttctt	ccccttggt	gacgatgtga	1200
cgccgacgaa	acacgctatc	gtgcagaccc	tggtgcatct	caagttcccc	acaaagggtg	1260
gcaaggcctg	ctgtgtgccc	accaaactga	gccccatctc	cgctctctac	aaggatgaca	1320
tgggggtgcc	cacctcaag	taccattacg	agggcatgag	cgtggcagag	tgtgggtgca	1380
ggtagtatct	gcctgcgggg	ctggggaggc	aggccaaagg	ggctccacat	gagaggctct	1440
gcatgcccc	gggcacaaca	aggactgatt	caatctgcat	gccagcctgg	aggaggaaa	1500
ggagcctgct	ctccctcccc	acaccccacc	caaagcatal	accgctgagc	tcaactgcca	1560
gggaaggcta	aggaaatggg	gatttgagca	caacaggaaa	gcctgggagg	gttgttggga	1620
tgcaaggagg	tgatgaaaag	gagacagggg	gaaaaataat	ccatagtcag	cagaaaacaa	1680
cagcagtga	ccagaggagc	acaggcgggc	aggtcactgc	agagactgat	ggaagttaga	1740
gaggtggagg	aggccagctc	gctccaaaac	ccttggggag	tagagggaag	gagcaggccg	1800
cgtgtcacac	ccatcattgt	atgttatctt	ccacaaccca	gttggagggg	catggcttcc	1860
aatttagaga	cataaaacac	aggcagatca	agtagcattg	atcaatggca	tgattccaac	1920
tcagatttgt	gggacaccaa	agcccaggat	cttcccaagt	gccctgctgc	agtttagcag	1980
gtcctctcca	gctaaagagc	agtgagacat	tgggagccca	ggagtgttga	ggccaggcca	2040
ggctgaggcc	catcagtcac	aggtgtgact	gggctgcttg	tcacacacag	ggcgtggtct	2100
ggccactgtt	gccagtgtc	actcagcggc	caaatgcttt	ttaatatgac	ccctgaggca	2160
ctgaaaaata	accccaggcc	aactgcagga	tagagagaga	ggtcaggaca	gcagccctgt	2220
gggctgcatg	atacactgtg	gctggagtta	ttgtgacccc	ctggtgcagt	gctcccacgg	2280
ccagtgggtc	acacagggcc	attcactgtc	catagactga	aacctgtgta	ccatttgaga	2340
gggccgggca	cactttcccc	tgagggatgg	ggcagcctgt	ggccagcacc	tctgcagtta	2400
ctctgcatag	ccagctcacc	agcatgccat	gcccagggtg	ccccccagt	acaacctcat	2460
gggagacggg	cctggatttg	aatttgttgg	aattaaatgt	gctctggctt	tggcttttga	2520
aacatatcta	tttttattcc	ttggtgacat	gtccttaagt	gacaagactc	cagccttctc	2580
gggcgag						2587

<210> 8313

<211> 1927

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(457)

<223> similar to gi5771420 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8313

agcgggtggaa	ttcgatcatg	gaacttgcac	tgctgtgtgg	gctgggtggg	atggctgggtg	60
tgattccaat	ccagggcggg	atcctgaacc	tgaacaagat	ggcgaagcaa	gtgactggga	120
aaatgcccac	cctctcctac	tggccctacg	gctgtcactg	cggactaggt	ggcagaggcc	180
aacccaaaga	tgccacggac	tggtgtgtcc	agacccatga	ctgtgtgtat	gaccacctga	240
agaccagggg	gtgcggcatc	tacaaggact	attacagata	caacttttcc	caggggaaca	300

tccactgctc	tgacaagggg	agctgggtgtg	agcagcagct	gtgtgcctgt	gacaaggagg	360
tggccttctg	cctgaagcgc	aacctggaca	cctaccagaa	gcgactgcgt	ttctactggc	420
ggccccactg	cggggggcag	acccctgggt	gctagaagcc	cacaccctct	accctgttcc	480
tcagcatgga	gctctggcat	ccccacctca	gtatctaacc	tgaaccagcc	tggcttttca	540
aacactccgg	ggggaggtag	tcccagcctc	ccccggaaacc	ctctaccaat	gccttctgac	600
cttctgaagc	tttccgaatc	ctcccagttg	aggcagtagc	tgtgtcctct	gaggggtggat	660
gggaatcttg	ggagaagccc	aagcaaggga	gccctcagag	gtgggtgttg	gaccaaagca	720
tcgggggtgg	ggaggggtct	gccgtgtcc	cccacctgct	ggcccccttg	tccttcctca	780
ccccctccaa	tatagtctcg	gagctacaac	cgcagcagcc	actataaagg	gcaatattga	840
tctttctgtc	catgtggctc	tatcttttaa	aacctcaagg	ccctccactg	tcctaagata	900
aagcctctca	taggcactgg	ggacctgca	cagtctggcc	atgtgacct	ctccccaggc	960
aagctctgaa	gtccctgcag	gtggaggcca	tgctgtctt	aaactcagtt	gcctccctgg	1020
tgcccaaagc	aacaccagaa	ccaagaagga	gctccataaa	tccttcttgg	gtgaagccta	1080
gacaaagccg	ccaggtcttg	tggctccagg	caccagagcc	ttgagtactt	tctcctgcct	1140
ccaggcattg	gctcaggggtg	aattacaagg	ggctactgaa	tggctattac	tttcatcacg	1200
actgatcccc	acctcctcag	gggtcaaagg	ctactttctg	gaagtctccc	caggctgact	1260
ccttctccct	gactgcaagg	gctcactccc	tcctccaagc	tcccacaatg	cttcatggct	1320
ctgccgctta	cctagcttgg	cctagagtgg	caaatggaac	ttctctgata	tcccccaact	1380
agactggagc	ccccgaagga	tggagaccat	gtctgtgcca	tctctgtttc	ccctgttttc	1440
ccacatacta	ggtgctcaat	tcatgcctgt	gaatggcgtg	agcccataat	ggatacacag	1500
aggttgcagc	agatgggtgtg	ggtacctcac	ccagatatct	tccaggccca	aggcccctct	1560
ccctgagtga	ggccagggtg	tggcagccaa	ctgctccaat	ctgcctcctt	cccctaaata	1620
ctgccctggg	ctagtgggag	ctgccttccc	cctgccccac	ctctcccacc	aagaggccac	1680
ctgtcactca	tggccaggag	agtgcacca	tggaggggtac	aattgccagc	tccccctgtg	1740
ctgtgcagca	ttgtctgggt	tgaatgacac	tctcaaattg	ttcctgggat	cgggctgagg	1800
ccaggcctct	cctggaacca	cctctctgct	tgggtctgacc	ccttggccta	tccagttttc	1860
ctggttcctt	cacaggtttc	tccagaaagt	actccctcag	taaagcattt	gcacaagaaa	1920
aaaaaaa						1927

<210> 8314

<211> 1100

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (186)...(872)

<223> similar to gi2239182 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8314

ggcacgaggc	gagctggatg	tccaggctgc	gggcgctgct	gggcctcggg	ctgctgggtg	60
cgggctcgcg	cctgcgcggg	atcaaaaagc	agaccatcgc	ctgtcgctcg	ggaccacact	120
ggtggggacc	gcagcggctg	aactcgggtg	gccgctggga	ctcagaggtc	atggcgagca	180
cggtggtgaa	gtacctgagc	caggaggagg	cccaggccgt	ggaccaggag	ctatttaacg	240
aataccagtt	cagcgtggac	caacttatgt	aactggccgg	gctgagctgt	gctacagcca	300
tcgccaaggc	atatcccccc	acgtccatgt	ccaggagccc	ccctactgtc	ctggtcatct	360
gtggcccggg	gaataatgga	ggagatggtc	tgggtctgtc	tcgacacctc	aaactctttg	420
gctacgagcc	aaccatctac	tacccccaaa	ggcctaacaa	gcccctcttc	actgcattgg	480
tgaccagtg	tcagaaaatg	gacatccctt	tccttggggg	aatgcccgcg	gagcccatga	540

cgattgatga	actgtatgag	ctggtggtgg	atgccatctt	tggcttcagc	ttcaagggcg	600
atgttcggga	accgttccac	agcatcctga	gtgtcctgaa	gggactcact	gtgcccattg	660
ccagcatcga	cattccctca	ggatgggacg	tggagaaggg	aaatgctgga	gggatccagc	720
cagacttgct	catctccctc	acagccccc	aaaaatctgc	aaccagttt	accggtcgct	780
accattacct	gggggggtcgt	tttgtgccac	ctgctctgga	aaagaagtac	cagctgaacc	840
tgccacccta	ccctgacact	gagtgtgtct	atcgtctgca	gtgagggaag	gtgggtgggt	900
attctcccca	ataaagactt	agagcccctc	tcttccagaa	ctgtggattc	ctgggagctc	960
ctctggcaat	aaaagtcagt	gaatggtgga	agtcagagag	caaccctggg	gattgggtgc	1020
catctctcta	ggggtaacac	aaagggcaag	aggttgctat	ggtattttgga	aacaatgaaa	1080
atggactggt	aaaaaaaaa					1100

```

<210> 8315
<211> 632
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (108)...(299)
<223> similar to gi30155 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8315						
tccttgcgca	ccgggggaaca	aggctcgtgaa	aaaaaaggctc	ttggtgaggt	gccgccattt	60
catctgtcct	cattctctgc	gccttttcgca	gagcttccag	cagcggtatg	ttgggccaga	120
gcatccggag	gttcacaacc	tctgtggtcc	gtaggagcca	ctatgaggag	ggccctggga	180
agaatttgcc	attttcagtg	gaaaacaagt	ggtcgttact	agctaagatg	tgtttgtact	240
ttggatctgc	atttgctaca	cccttccttg	tagtaagaca	ccaactgctt	aaaacataag	300
gatgtttcag	ttcctccatt	taacagatat	gaagagcatt	ttaagagggtg	cagcctctgg	360
aagtggatca	aactagaact	catatgccat	actagatatg	tttgtcaata	aacttatgac	420
gtgaatgctt	aatgcctctt	ttttgaaata	gggaatgtaa	taattgggcc	attttgccta	480
ctttattatt	tgggtaacat	tccagtatta	ctctctgtga	tttagcttat	ttaatggtgt	540
taaactgagg	ttatattaaa	tttttgattc	ccaggtcagg	attttgttgg	taatttatat	600
aataaaaagg	aaatacaaat	cgaaaaaaaaa	aa			632

```

<210> 8316
<211> 2309
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (96)...(1679)
<223> similar to gil228085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8316
ctggaccgat ccgcaattcc aggatcgacg atttcgtggg tggagaccca cgagccgagg      60
cctcctgcag tgttctgcac agcaaaccgc acgctatggc tgacagccgg gatcccgcga      120
gcgaccagat gcagcactgg aaggagcagc gggccgcgca gaaagctgat gtcctgacca      180
ctggagctgg taaccagta ggagacaaac ttaatgttat tacagtaggg ccccggtgggc      240
cccttcttgt tcaggatgtg gttttcactg atgaaatggc tcattttgac cgagagagaa      300
ttcctgagag agttgtgcat gctaaaggag caggggcctt tggctacttt gaggtcacac      360
atgacattac caaatactcc aaggcaaagg tatttgagca tattggaaag aagactccca      420
tcgcagttcg gttctccact gttgctggag aatcgggttc agctgacaca gttcgggacc      480
ctcgtggggt tgcagtgaag ttttacacag aagatggtaa ctgggatctc gttggaaata      540
acacccccat tttcttcac agggatccca tattgtttcc atcttttatc cacagccaaa      600
agagaaatcc tcagacacat ctgaaggatc cggacatggt ctgggacttc tggagcctac      660
gtcctgagtc tctgcatcag gtttctttct tggtcagtga tcgggggatt ccagatggac      720
atcgccacat gaatggatat ggatcacata ctttcaagct ggtaaatgca aatggggagg      780
cagttttattg caaattccat tataagactg accagggcat caaaaacctt tctgttgaag      840
atgcggcgag actttcccag gaagatcctg actatggcat ccgggatctt tttaacgcca      900
ttgccacagg aaagtacccc tcctggactt tttacatcca ggtcatgaca tttaatcagg      960
cagaaacttt tccatttaat ccattcgatc tcaccaaggt ttggcctcac aaggactacc     1020
ctctcatccc agttggtaaa ctggtcttaa accggaatcc agttaattac tttgctgagg     1080
ttgaacagat agccttcgac ccaagcaaca tgccacctgg cattgaggcc agtcctgaca     1140
aaatgcttca gggccgcctt tttgcctatc ctgacactca ccgccatcgc ctgggaccca     1200
attatcttca tatacctgtg aactgtccct accgtgctcg agtggccaac taccagcgtg     1260
acggcccgat gtgcatgcag gacaatcagg gtggtgctcc aaattactac cccaacagct     1320
ttggtgctcc ggaacaacag ccttctgcct tggagcacag catccaatat tctggagaag     1380
tgcggagatt caacactgcc aatgatgata acgttactca ggtgcgggca ttctatgtga     1440
acgtgctgaa tgaggaacag aggaaacgtc tgtgtgagaa cattgccggc cacctgaagg     1500
atgcacaaat tttcatccag aagaaagcgg tcaagaactt cactgaggtc caccctgact     1560
acgggagcca catccaggct cttctggaca agtacaatgc tgagaagcct aagaatgcga     1620
ttcacacctt tgtgcagtcc ggatctcact tggcggcaag ggagaaggca aatctgtgag     1680
gccggggccc tgcacctgtg cagcgaagct tagcgttcat ccgtgtaacc cgctcatcac     1740
tggatgaaga ttctcctgtg ctagatgtgc aaatgcaagc tagtggcttc aaaatagaga     1800
atcccacttt ctatagcaga ttgtgtaaca attttaatgc tatttcccca ggggaaaatg     1860
aaggtttaga tttaacagtc atttaaaaaa aaaattttgt ttgacggatg attggattat     1920
tcatttaaaa tgattagaag gcaagtttct agctagaaat atgattttat ttgacaaaat     1980
ttgttgaaat tatgtatgtt tacatatcac ctcatggcct attatattaa aatatggcta     2040
taaatatata aaaagaaaag ataaagatga tctactcaga aattttttatt tttctaaggt     2100
tctcatagga aaagtacatt taatacagca gtgtcatcag aagataactt gagcaccgtc     2160
atggcttaat gtttattcct gataataatt gatcaaattc atttttttca ctggagttac     2220
attaatgtta attcagcact gatttcacaa cagatcaatt tgtaattgct tacattttta     2280
caataaataa tctgtacgta aaaaaaaaaa                                     2309

```

<210> 8317

<211> 1490

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (67)...(1413)

<223> similar to gi202215 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8317
gaattcccgg gtcgacgatt tcgttgtcac cccgactcaa cgtgagacgc accgcccgga      60
ctcaccatgc gtgaatgcat ctcagtcacac gtggggcagg caggtgtcca gatgggcaat      120
gcctgctggg agctctattg cttggaacat gggattcagc ctgatgggca gatgccagtg      180
gacaagacca ttggtggagg ggacgactcc ttcaccacct tcttctgtga aactggtgct      240
ggaaaacacg taccgccggc agttttttgtg gatctggagc ctacggtcat tgatgagatc      300
cgaaatggcc cataccgaca gctcttccac ccagagcagc tcatcactgg gaaagaggat      360
gctgccaaaca actatgcccg tggctactat accattggca aggagatcat tgacccagtg      420
ctggatcgga tccgcaagct gtctgaccag tgcacaggac ttcagggctt cctggtgttc      480
cacagctttg gtggggggcac tggctctggc ttcacctcac tctgatgga gcggctctct      540
gttgactatg gcaagaaatc caagctggaa ttctccatct acccagcccc ccagggtgtct      600
acagccgtgg tcgagcccta caactctatc ctgaccaccc acaccacctt ggagcactca      660
gactgtgcct tcatggtgga caacgaagca atctatgaca tctgccgccg caacctagac      720
atcgagcgcc caacctacac caacctcaat cgcctcatta gccaaattgt ctctccatc      780
acagcttctc tgcgctttga cggggccctc aatgtggacc tgacagagtt ccagaccaac      840
ctggtgccct accctcgcat ccacttcccc ctggccacct atgcaccagt catctctgca      900
gaaaaggcat accacgagca gctgtcggtg gcagagatca ccaatgcctg ctttgagcct      960
gccaaccaga tggtaaagtg tgatccccgg cacggcaagt acatggcctg ctgcctgctg     1020
taccgtggag atgtggtgcc caaggatgtc aacgctgcc aatggcccat caagaccaag     1080
cgcagcattc agtttgtgga ctggtgcccc acaggcttca aggttggtat caactaccag     1140
cctcccactg tgggtgcctgg ggggtgacct gccaaaggtgc agcgtgccgt gtgcatgctg     1200
agcaacacga ccgccatcgc cgaggcctgg gcccgccctgg accacaagtt cgacctgatg     1260
tatgccaaaga gggcgtttgt gcaactggtat gtgggtgagg gcatggagga ggggtgagttc     1320
tccgaggccc gtgaggatat ggctgcccctg gagaaggatt atgaggaggt gggcatcgac     1380
tcctatgagg acgaggatga gggagaagaa taaagcagct gcctggagcc tattcactat     1440
gtttattgca aaatccttcc gaaataaaca gtttccttgc aaaaaaaaaa     1490
```

<210> 8318

<211> 1491

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (148)...(973)

<223> similar to gi4104922 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8318
gcccccgga gctgtgctct atggagctat tgcggccgtg ggtggtcgcg ggcgatgcgg      60
ggctgccagc tcctcgggct tcgtagctct tggcccgggg acctactaag tgctcggtc      120
ttgtcccaag agaagcgggc agcgaaacg cactttgggt ttgagactgt gtcggaagag      180
gagaaggggg gcaaagtcta tcaggtgttt gaaagtgtgg ctaagaagta tgatgtgatg      240
aatgatatga tgagtcttgg tatccatcgt gtttggaagg atttgctgct ctggaagatg      300
caccgccttc ctgggaccca gctgcttgat gttgctggag gcacaggtga cattgcattc      360
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cggttcctta	attatgttca	gtcccagcat	cagagaaaac	agaagaggca	gttaagggcc	420
caacaaaatt	tatcctggga	agaaattgcc	aaagagtacc	agaatgaaga	agattccttg	480
ggcgggtctc	gtgtcgtggt	gtgtgacatc	aacaaggaga	tgctaaaggt	tggaaagcag	540
aaagccttgg	ctcaaggata	cagagctgga	cttgcatggg	tattaggaga	tgctgaagaa	600
ctgccctttg	atgatgacaa	gtttgatatt	tacaccattg	cctttgggat	ccggaatgtc	660
acacacattg	atcaggcact	ccaggaagct	catcgggtgc	tgaaaccagg	aggacggttt	720
ctctgtctgg	aatttagcca	agtgaacaat	cccctcatat	ccaggcttta	tgatctatat	780
agcttccagg	tcatccctgt	cctgggagag	gtcatcgctg	gagactggaa	gtcctatcag	840
taccttgtag	agagtatccg	aaggtttccg	tctcaggaag	agttcaagga	catgatagaa	900
gatgcaggct	ttcacaaggt	gacttacgaa	agtctaacat	caggcattgt	ggccattcat	960
tctggcttca	aactttaatt	cctttcctat	catggagcat	gaaccagtca	tatcctgttg	1020
aaagcctgga	actgaaggat	aatctggcaa	atgagacagc	agcagagcat	ctcctcttaa	1080
ggatacgtgc	cttggaactca	tgtttgaatc	gaacagtctc	aaagtggaag	aacaaattct	1140
tgtcactttt	ttacagcttt	ctttggagct	gcttcagtcc	atctcccaga	ggcatttggt	1200
ctgtatcttt	gctcaactgc	taatttctct	tggctgtagg	gtgtgtggtt	aaggtacaac	1260
caccctaata	gctcagtttt	gaagtgaatg	tatttatagc	ttctctgctg	gtgctgcctt	1320
ctagagggat	gatagatcat	ttgaaccctaa	tgacaatttt	taaccagaaa	atttaattgt	1380
acctgaatca	accttttcagc	ctaggacgaa	gtctaggccc	aagtcagagt	attaatgatc	1440
atgagaattg	tgtgctgaac	cagtaaacga	gtttaccttt	taaaaaaaaa	a	1491

<210> 8319

<211> 1651

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1429)...(999)

<223> similar to gi2062678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8319

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ttttttttaa	atcaaggctc	ttttatgtca	aaatcttttt	ttagctatat	tttagattaa	180
catttaacat	cccccccttg	tgatctatac	cgttggatat	tcaggattaa	ctgtgtgtgt	240
aacagctaaa	acaagaggga	ggagggaata	taaaggcagt	gaacttggac	ggatgcatca	300
acaacagcag	ataaagctaa	cccctcagtg	accatagcag	catgtcttct	ggaagccttt	360
actcttacct	cagagatttc	ctcagccctt	ttccctctct	ccctcctatc	ctcccaaca	420
caaaggccca	acagtctgtc	ctttcgcttt	tcttgaggag	aaatgtgcag	tggaaatgat	480
caaaaacaaga	tactgtggaa	gaacgacgtg	agcgtgaatt	attcaccgta	tgtttcgtcc	540
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aggagcccat	cattttttcat	gttactagca	tgattaatat	agtaggtggc	ccagggccgt	660
tcctgagatt	cttttgccaa	caaaaaaat	taataataat	aaaattaaaa	aatgggggtg	720
gtttgcccgt	ttcttatttg	tgtgtgaaga	cggactaaag	ctgagggtccg	attttggtctg	780
tgcttgcttg	ctcactgatt	ggtaacattt	ggcaataaaa	acacaagaaa	tcaaacgaaa	840
taaaaaagag	aatcaggatt	tcccacaatc	ctatatgagt	gttttcagca	tcacagagaa	900
tcacaacgtc	cccaaagaac	taatggatct	tcctctcgat	ttccgggagc	atggagttag	960
tgtgggtggg	cgcgcggggg	gagctggccc	cacgctcaga	aggaaagcca	ggctcgctaaa	1020
gctgccgaga	gagacaccag	gagcaccggg	aacgcgggga	gcagggaccc	cgccgccccg	1080

ttgccgctgc	cgcagagttc	gaataagctg	ccttggatgt	tgagggttttt	ggattctttt	1140
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cagctgtgga	aatcctccca	gtatgtgcac	acggtcttga	tgttcgtctt	gtcgtccagg	1260
ccctgcgggt	agttggccat	gctgtcgcgc	agcttgagca	aacagtccga	aaagcccttg	1320
aagaccgcat	cgcacttgcc	cgctgctctc	acggcctgca	ccagatacgc	tatttgcacc	1380
gcgaggatca	gtgaaatata	tctgccgttc	aacttaagtc	ccatcctacg	tttagtcaaa	1440
ccatttgcga	ccgcagacct	ttaaatagtt	agtttagaga	acgcggggga	aagccaaaaa	1500
ataggcattg	ccaacaagtt	ccgggagcga	cagagacttt	atgcaactgg	aaggcagagg	1560
gaggagagaa	agagagggag	cgaggaagag	ccagaaaagag	agagagagag	agaaaagagag	1620
agagagagag	aggctgaggg	gggggggaga	g			1651

<210> 8320

<211> 1730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (284)...(1519)

<223> similar to gi773387 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8320

cccatccacc	cgcgacccac	atccgatcgg	taccggagcg	ggagggtgagg	ggtcggctcg	60
cggatccagc	tgcagagcga	cgtggggaat	tggaatggtg	ctttggatct	tatggaggcc	120
atttggattc	tcaggaagat	ttctgaaact	ggaaagccat	agcataactg	aatcaaaatc	180
gttgattcca	gtagcttgga	catccctgac	acagatgctt	ttggaagcac	ctggtatttt	240
cttattgggt	caaagaaaaa	gattctcaac	catgccagaa	acagaaacac	atgagagaga	300
gactgaattg	ttttcaccac	cttctgatgt	ccgaggcatg	acaaaacttg	atagaacagc	360
ttttaaaaag	acagtcaaca	ttccagtgtc	taaagtgagg	aaagaaatag	tcagtaaatt	420
gatgcgatcc	ctaaaaaggg	cagcattgca	gcgcccaggc	ataagacgtg	tgattgaaga	480
tccggaagat	aaagaaagta	gactaatcat	gttggatccc	tataaaatat	ttactcatga	540
ttcctttgag	aaagcagaac	tcagtgtttt	agagcagctt	aatgtcagtc	cacagatctc	600
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gcttcttgaa	ggtcaagatg	taacttcagg	gtttagcagg	attggacata	ttgcacacct	720
aaaccttcga	gatcatcagc	tgcttttcaa	acatttaatt	ggccagggtta	tgattgacaa	780
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cagtgaattc	cttcccatag	tgcattgtta	tagcttttcc	aaagatgcta	accctgctga	1380
ggatgttcgg	caaagggctg	gagctgtgtt	aggcatttct	ctggaggcat	gcagttcagt	1440
tcacctggta	agaaatgtgg	ccccaaacaa	ggaaatgctg	tgcatacagc	ttcagattcc	1500
tgctctgtgc	ctctacaaga	accagaccag	aatccagag	aatcatgaag	atccacctct	1560
taaaaggcag	agggcggctg	aagccttttc	agacgaaaaa	acccaaattg	tttcaaacc	1620

ttaattggaa	atgtttttctc	catccccccc	ccagacttac	atgtagttaa	atagaatttg	1680
tattatttaa	taaaatttta	gggtttgggt	tttcctattg	aaaaaaaaaa		1730

<210> 8321
 <211> 1794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (57)...(1197)
 <223> similar to gi3342218 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8321						
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tggccatcca	caaagccttg	gtgatgtgcc	tgggactgcc	tctcttctctg	ttcccagggg	120
cctgggcccc	gggcatgtc	ccaccggt	gcagccaagg	cctcaacccc	ctgtactaca	180
acctgtgtga	ccgctctggg	gcgtggggca	tcgtcctgga	ggccgtggct	ggggcgggca	240
ttgtcaccac	gtttgtgtc	accatcatcc	tgggtggccag	cctccccctt	gtgcaggaca	300
ccaagaaacg	gagcctgctg	gggacccagg	tattcttctc	tctggggacc	ctgggcctct	360
tctgcctcgt	gtttgcctgt	gtggagaagc	ccgacttctc	cacctgtgcc	tctcggcgt	420
tcctcttttg	ggttctgttc	gccatctgct	tctcttgtct	ggcggtcac	gtctttgccc	480
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tgctgtgac	cctggtagag	gtcatcatca	atacagagt	gctgatcatc	accctgggtc	600
ggggcagtgg	cgaggcgccg	cctcagggca	acagcagcgc	aggctgggcc	gtggcctccc	660
cctgtgccat	cgccaacatg	gactttgtca	tggcactcat	ctacgtcatg	ctgctgctgc	720
tgggtgcctt	cctggggggc	tggcccgccc	tgtgtggccg	ctacaagcgc	tggcgtaagc	780
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tcattgtatac	ttacggcaac	aagcagcaca	acagtcccac	ctgggatgac	cccacgctgg	900
ccatcgccct	cgccgccaat	gcctgggcct	tcgtcctctt	ctacgtcatc	cccaggtct	960
cccaggtgac	caagtccagc	ccagagcaaa	gctaccagg	ggacatgtac	cccacccggg	1020
gcgtgggcta	tgagaccatc	ctgaaagagc	agaagggtca	gagcatgttc	gtggagaaca	1080
aggccttttc	catggatgag	ccggttgag	ctaagaggcc	ggtgtcacca	tacagcgggt	1140
acaatgggca	gctgtgacc	agtgtgtacc	agcccactga	gatggccctg	atgcacaaag	1200
ttccgtccga	aggagcttac	gacatcatcc	tcccacgggc	caccgccaac	agccaggtga	1260
tgggcagtgc	caactcgacc	ctgcgggctg	aagacatgta	ctcggcccag	agccaccagg	1320
cggccacacc	gccgaaagac	ggcaagaact	ctcaggtctt	tagaaacccc	tacgtgtggg	1380
actgagtcag	cgggtggcgag	gagaggcggt	cggatttggg	gagggccctg	aggacctggc	1440
cccgggcaag	ggactctcca	ggctcctcct	ccccctggca	ggcccagcaa	catgtgcccc	1500
agatgtggaa	gggcctccct	ctctgccagt	gtttgggtgg	gtgtcatggg	tgtccccacc	1560
cactcctcag	tgtttgtgga	gtcgaggagc	caaccccagc	ctcctgccag	gatcacctcg	1620
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tctggagatt	cctgcaacct	caagagactt	cccaggcgct	caggcctgga	tcttgcctct	1740
ctgtgaggaa	caagggtgcc	taataaatac	atttctgctt	tattaaaaaa	aaaa	1794

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<210> 8322
<211> 2650
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (188)...(570)
<223> similar to gi790567 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8322
ccgcctcctt gaagctgccg ctgtcgctgc tgctcgttcg agtcgcagat ccttgccagc      60
acattacaga atatttttgt tgaaccttct tgagaattca gagaaactgc tgagtgacca      120
ctgaacgaaa agatctaata ttaaggctta cgcgtgttcc atccaccaca tcagaacaat      180
gtcgtatgtt tttgtaaata attcttctca gactaacgtg cccttgctgc aagcctgtat      240
tgatggggac tttaattatt ccaagcggct tttggaaagt ggctttgacc caaatattcg      300
tgacagcagg ggcagaacag gccttcacct tgcagcagct cgagggaaat tagacatctg      360
ccagttactg cataaattcg gtgccgatct tctggccaca gattatcaag gaaacacagc      420
tcttcacctc tgtggccatg tggatactat ccaatttttg gtttccaatg gactcaaaat      480
tgatatttgc aatcatcaag gtgctacccc tttagtctcg gcaaagcgca gaggagtaaa      540
taaagatgtc atccgattgc tgggaatctt ggaagaacag gaggtgaaag gatttaacag      600
aggaacccac tcgaaactgg agaccatgca aacagctgag agtgaaagtg ccatggaaag      660
ccattcactc ctcaatccca acctgcagca aggtgaagga gtctctctca gcttccgaac      720
cacgtggcag gagtttgtgg aggatctggg cttctggaga gtattgctgt tgatcttcgt      780
cattgctttg ctgtctcttg gcattgctta ttatgtgagt ggggtgctac ccttcgtgga      840
aaaccagcct gaactgggtg attaaaggag ctcatggaag atgaggcaat taattccctg      900
tttcctggct tccaatgttt gttctcagtt tctcagaatt tttcttagcg caaagcagtg      960
agggcagtag atggctcctt tggcattttt attatggtaa atccttttag ataatgatgt      1020
gttcatttga actaactaca tactatgatc aagtatattg catcctaacy ctacctctga      1080
ctcaacctga ctttgtagga aagcctacac gtagccttgt ttgataaaaa cacggaagtg      1140
actagagaat ggaagataaaa ggaagaagct aggaagtcct tgctatcaaa accttatcct      1200
aatataggac caattgaagt attcaaaaag aaaaacagta tcttatatga ttagtttttg      1260
ttggtggttt tgttttcatt tatttttgca agagccactt tttatttact ttctctaggg      1320
ataagagata aaacttgaag tacttttttc aaatcttgtg tgcaaattag tattgttagc      1380
atctatttgg cttatttttag tatttttaag tctagtcaca aaccaaaca aacttttgaa      1440
aatgagctat attttgttca aagataattg atttgatctt atatttattt gtttttagga      1500
taatttttga tctttttgta aactgctttg cttgttaata tctgtgaaaa ataatgagt      1560
tcattttgtt cactttccaa ttttcccag tatcctagtc atcaaagata acagttcatc      1620
agaattacag tcagaaaatc ctttttctac tgaatagtta gcagggaaaa ataattctga      1680
tatttaactg tcataattct gtagtgctat tatagtgaat aactcagttc tataagctag      1740
ctgtgtttgc acagttttat catagttcat aattatttca cgtgcaatcc tatttgagg      1800
ccctgttaga cttttaacaa tcccatccat atctgtaatt ctctgatggc aagaatggat      1860
ggagcatttc tgagttaaca gtgctggaca gtatcgact ggggtgcata aactctttat      1920
gaatggtaat attatgtaaa ttgaaatctg gccctcaaac tatattgcag ctttcagcag      1980
tatgtttgaa ggcctctttt gttaatgatt ctgtaatgta tgaattatgt tcttgagtgg      2040
ttaaaaaaga atatgaaggc ttgataatta tttattgggt aaagtcagga aattgtagtg      2100
aaagaactaa tgggttttgt ttttggaata aaggcaccta agctattgct aattgaattg      2160
ctgctagaat tagaaattat gctttagaat agaattggta tttctgtgat tctttttgct      2220
tcttgggtatt ttctcttgta tctatgtatc tagtatgag gcttgctctt tcatgtggct      2280
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ttgcagagtc ttgcttttag gttagataca aacaaagtaa atcatagttg gtgtaaatcc      2400
agcaaaaaac agctggcctt ggaatggaga acactacaat tcaaatttga agtatattca      2460
gaagaaaact ttggaattag ctttacattt gtttgtaaat ctaaacaat atgccaaaat      2520

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tggtcaaaat	gtaagtatat	agcattttta	aagattaatg	gttccttttt	atgtgctgat	2580
ttcttttgta	ttctgttctc	tgcattcatc	attcaggaat	accaccaata	aatgtattta	2640
tatatccctt						2650

<210> 8323

<211> 2027

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (147)...(1184)

<223> similar to gil226235 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8323						
cccacgcgtc	cgatagattg	cttgtgctgc	ctgataatta	ctcgcacttt	tcccaggcta	60
gtgcaaactc	tcagggggccg	tccaggacta	cagagctgtt	tcaccctacc	ttggcttcaa	120
tctcttcccc	catgctcgaa	ggtgcggagc	tgtacttcaa	cgtggaccat	ggctacctgg	180
agggcctggt	tcgaggatgc	aaggccagcc	tcctgaccca	gcaagactat	atcaacctgg	240
tccagtgtga	gaccctagaa	gacctgaaaa	ttcatctcca	gactactgat	tatggtaact	300
ttttggctaa	tcacacaaat	cctcttactg	tttccaaaat	tgacactgag	atgaggaaaa	360
gactatgtgg	agaatttgag	tatttccgga	atcattccct	ggagcccctc	agcacatttc	420
tcacctatat	gacgtgcagt	tatatgatag	acaatgtgat	tctgctgatg	aatggtgcat	480
tgcagaaaaa	atctgtgaaa	gaaattctgg	ggaagtgcc	ccccttgggc	cgtttcacag	540
aaatggaagc	tgtcaacatt	gcagagacac	cttcagatct	ctttaatgcc	attctgatcg	600
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gtaagaatca	tggtgatgtc	acagcagaag	ttatgtgtcc	cattcttgag	tttgaggccg	780
acagacgtgc	ttttatcatc	actcttaact	cctttggcac	tgaattgagc	aaagaagacc	840
gagagaccct	ctatccaacc	ttcggcaaac	tctatcctga	ggggttgccg	ctggttggtc	900
aagcagaaga	ctttgaccag	atgaagaacg	tagcggatca	ttacggagta	tacaaacctt	960
tatttgaagc	tgtaggtggc	agtgggggaa	agacattgga	ggacgtgttt	tacgagcgtg	1020
aggtacaaat	gaatgtgctg	gcattcaaca	gacagttcca	ctacggtgtg	ttttatgcat	1080
atgtaaaagc	gaaggaacag	gaaattagaa	atattgtgtg	gatagcagaa	tgtatttcac	1140
agaggcatcg	aactaaaatc	aacagttaca	ttccaatttt	ataaccaag	taaggttctc	1200
aaatgtaaaa	aattataaat	gttaaaagga	agttattgaa	gaaaataaaa	gaaattatgt	1260
tatattatct	agactacaca	aaagtaagcc	acactatata	ttcatgagtt	gcaaattccat	1320
ggaaacacag	taaaccagcc	ctgaaacaaa	gcatttcctt	gttttcagtg	gtattagatc	1380
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gggcttcatt	tacattttta	ctgtctgttc	cttgccataga	ttcacagaaa	tccaaagctg	1920
tatgtagtca	acatgggttca	caagtgggtg	aaaatgtgct	tttttgcttt	gttttggttt	1980
gttttcgggtt	gttttgagac	agagattccc	tctgtcgccc	aagctag		2027

<210> 8324
 <211> 1549
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(1023)
 <223> similar to gi780241 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8324
caacatggcg gccgcggtgg cggcggcacc tggggccttg ggatccctgc atgctggcgg      60
cgcccgcctg gtggccgctt gcagtgcgtg gctctgcccg gggttgaggc tgcccggctc      120
gttggcaggc cggcgagcgg gcccggcgat ctgggcccag ggctgggtac ctgcggccgg      180
gggtcccgcc ccgaaaaggg gctacagctc tgagatgaag acggaggacg agctgcgggt      240
gcggcacctg gaggaggaga accgaggaat tgtggtgctt ggaataaaca gagcttatgg      300
caaaaattca ctcagtaaaa atcttataaa aatgctatca aaagctgtgg atgctttgaa      360
atctgataag aaagtacgga ccataataat caggagtga gttcccagga tattctgtgc      420
tggtgctgac cttaaggaaa gagccaaaat gagttccagt gaagttggtc cttttgtctc      480
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ataaaaggaa cagaaattct taagatgcca atgtaataaa tgtacttctt ggaagtgtct     1080
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aaatgtcata ttcattcaga tttataaagc tagtagtgta tagtcagaaa cagaatcaaa     1260
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gaataattta tatattgcac attctagggg ataattattga ttgtatgtct actgtgctgc     1380
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agtgattaat gcatacgaac agctacatat acatatatct aaacctgaaa aatgaattga     1500
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<210> 8325
 <211> 2579
 <212> DNA
 <213> Homo sapiens

 <220>

<221> misc_feature
 <222> (1018)...(1491)
 <223> similar to gi2662578 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8325

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<210> 8326
 <211> 557
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (93)...(323)
 <223> similar to gi871885 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8326
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agcaacaggt ggagggggacc gccacggaag ccgtgtcagc ggccggagcg gcagctcagc    180
aagtgggtgga ccaggccaca gaggcggggc agaaagccat ggaccagctg gccaagacca    240
cccaggaaac catcgacaag actgctaacc aggcctctga caccttctct gggattggga    300
aaaaattcgg cctcctgaaa tgacagcagg gagacttggg tcggcctcct gaaatgacag    360
caggagagact tgggtgaccc cccttccagg cgccatctag cacagcctgg ccctgatctc    420
cgggcagcca ccacctctc ggtctgcccc ctcattaaaa ttcacgttcc caccacaaaa    480
aaaaaaaaag ggggggccgtt ttaaaggatc aaatttatac gccggggggcg ggcaaggat    540
tatttttttt ttgggggc
  
```

<210> 8327
 <211> 4913
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4881)...(2458)
 <223> similar to gi204177 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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cacaacaaac aattacaact tctttatatg gcagttttta ctgggtgtct aatactctct    300
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caaaatgatt tgttagccaa aagaactata aaccacctaa caagactttg gtaagaaaga    420
gacttgatgc ttcttataaa ttccccattg caaacacaaa ataacaatcc aacaagagtc    480
atgttaccca ttcttagcca ttaacctggt tttaagtctc caaaatcagg attttaaaat    540
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atcaccagct taaggaaact tatcatgggc tgagagttag atagatagct tagaacaaca    660
ttgcaaaagt ggggtgcttct acatgaggac ttttttcccc ccaagtagaa aaataattaa    720
  
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atcttgtgtt	tctttatatt	gtgctttttt	tgggagaaag	caattcattt	aaggatttaa	780
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<210> 8328

<211> 2861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (133)...(2646)

<223> similar to gi2344810 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8328

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aatgtcaact	acctggcttt	gggagcactc	caccactatg	ggcatctgga	gggtcctcac	2460
caggctcggg	ctgccaaact	ccacgggtgag	ctccgtgcca	acgtggtagg	caatgtatgg	2520
cgccagtacc	aggctacagg	ctttcttttg	gagcagtaca	gtgaccgca	tgggcgaggg	2580
atgggctgcc	gccctttcca	cggctggacc	agccttgtct	tactggccat	ggctgaagac	2640
tactgaaggg	agggagagga	ggggagccaa	gacactcatg	ccactctggc	tctgaaggga	2700
caaaggcttc	tggcttttgc	ccccagcccc	ttggatacca	gtaattcaaa	ccttcctcat	2760
ttcatctcag	gtgtctcctt	gctgtcatcc	cacatagccc	tggggtgaat	gtgaatccag	2820
agtctatttt	tctaaataaa	ttggaaaaaa	caaaaaaaaa	a		2861

<210> 8329

<211> 1756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (229)...(1268)

<223> similar to gi4895164 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8329

tgtgtctgtg	tctgtctgtg	tctcgcagcg	gcgcgcggcc	ccggacaagc	gctggggatt	60
ccggtttgag	gcgtcactac	tgctactgcc	atcacccac	ggagccactt	ctagagggga	120
gtagaccceg	cccttcgcgc	ggcagagaag	atgttgcccc	tgtccatcaa	agacgatgaa	180
tacaaaccac	ccaagttcaa	tttgttcggc	aagatctcgc	gctgggttag	gtctatactg	240
tccgacaaga	cttcccgga	cctgtttttc	ttcctgtgcc	tgaacctctc	tttcgctttt	300
gtggaactac	tctacggcat	ctggagcaac	tgcttaggct	tgatttccga	ctcttttcac	360
atgtttttcg	atagcactgc	cattttggct	ggactggcag	cttctgttat	ttcaaaatgg	420
agagataatg	atgctttctc	ctatgggtat	gtagagcgcg	aagtctctggc	tggctttgtc	480
aatggcctat	ttttgatctt	cactgctttt	tttattttct	cagaaggagt	tgagagagca	540
ttagcccttc	cagatgtcca	ccatgagaga	ctgcttcttg	tttccattct	tgggtttgtg	600
gtaaacctaa	taggaatatt	tgttttcaaa	catggaggtc	atggacattc	tcatggctct	660
ggccacggac	acagtcattc	cctctttaat	ggtgctctag	atcaggcaca	tggccatgtc	720
gatcatgtgc	atagccatga	agtgaacat	ggtgctgcac	atagccatga	tcatgtctcat	780

ggacatggac	actttcattc	tcatgatggc	ccgtcccttaa	aagaaacaac	aggacccagc	840
agacagat	tacaagggtg	atTTTTacat	atcctagcag	atacacttgg	aagtattggg	900
gtaattgctt	ctgccatcat	gatgcaaaat	tttgggtctga	tgatagcaga	tcctatctgt	960
tcaattctta	tagccattct	tatagttgta	agtgttattc	ctcttttaag	agaatctgtt	1020
ggaatattaa	tgacagagaac	tcctccccta	ttagaaaata	gtctgcctca	gtgctatcag	1080
agggtagacg	agttgcaagg	agtttacagt	ttacaggaac	agcacttctg	gactttatgt	1140
tctgacgttt	atgttggggac	cttgaaatta	atagtagcac	ctgatgctga	tgctagggtg	1200
attttaagcc	aaacacataa	tatttttact	caggctggag	tgagacagct	ctacgtacag	1260
attgactttg	cagccatgta	gtgaatggaa	agaaattatg	caccttttat	ggaccaaatt	1320
tttctggtag	tgtagcatcc	aaaacattgt	acccagcttt	ttaaaagaga	gaaattatca	1380
ctacaactcc	cgagcactaa	gtagacgggg	tagagtcagc	cgttcatgct	ttgtggggag	1440
ttcacagcta	agggatcaga	tttaagagga	tatctcctgg	acttttggtc	ttttcttttg	1500
tgctctttcc	tccaaatctt	tttgacttct	gaggttttta	gcttaggatg	ttaatttgct	1560
cttttgtctt	tctttttttg	tttttgtttt	ctgtttgttt	gttttcatgt	tgaatgccca	1620
caccaccatc	ctctcatccc	agccagtaag	aatttcagtt	gtgggcctcc	agtcttctgg	1680
aatgtcttca	ctgcagctgc	tggaaatcac	tgctttcatt	cccacaaaac	cagtattact	1740
tttttttaaa	aaaaaa					1756

<210> 8330

<211> 2041

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (143)...(1764)

<223> similar to gi5533081 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8330

gaattcggtt	tcaactacga	gccacgagtt	tgacagatggg	gctgctcggc	ggcgccctgtg	60
gctgaggggag	agcagcggcg	gcggggagcg	accgggagcg	gcggcagcgg	cgcgcgaggag	120
gcggctgagg	tgagagccgg	caatgcagca	agtcttgga	aaccttacgg	agctgccctc	180
gtctactgga	gcagaagaaa	tagacctaat	tttctcaag	ggaattatgg	agaatcctat	240
tgtaaaatca	cttgctaagg	ctcatgagag	gctagaagat	tccaaactag	aagctgtcag	300
tgacaataac	ttggaattag	tcaatgaaat	tcttgaagac	atcactcctc	taataaatgt	360
ggatgaaaat	gtggcagaat	tggttggtat	actcaaagaa	cctcacttcc	agtcactgtt	420
ggaggcccat	gatattgtgg	catcaaagtg	ttatgattca	cctccatcaa	gccagaaaat	480
gaataattct	tctatcaata	atcagttatt	accagtagat	gccattcgta	ttcttggtat	540
tcacaaaaga	gctggggaac	cactgggtgt	gacatttagg	gttgaaaata	atgatctggg	600
aattgcccga	atcctccatg	ggggaatgat	agatcgacaa	ggtctacttc	atgtgggaga	660
tataattaaa	gaagtcaatg	gccatgaggt	tggaaataat	ccaaaggaat	tacaagaatt	720
actgaaaaat	attagtggaa	gtgtcaccct	aaaaatctta	ccaagtata	gagataccat	780
tactcctcat	caggtatttg	tgaagtgtca	ttttgattat	aatccataca	atgacaacct	840
aataccttgc	aaagaagcag	gattgaagtt	ttccaaagga	gagattcttc	agattgtaaa	900
tagagaagat	ccaaattggg	ggcaggctag	ccatgtaaaa	gagggaggaa	gcgctgggtc	960
cattccaagc	cagttccttg	aagagaagag	aaaggcattt	gttagaagag	actgggacaa	1020
ttcaggacct	ttttgtggaa	ctataagtag	caaaaaaag	aaaaagatga	tgtatctcac	1080
aaccagaaat	gcagaatttg	atcgatcatg	aatccagata	tatgaggagg	tagccaaaat	1140
gcctcccttc	cagagaaaaa	cattagtatt	gataggagct	caaggtgtag	gccgaagaag	1200

cttgaaaaac	aggttcatag	tattgaatcc	cactagattt	ggaactacgg	tgccatttac	1260
ttcacggaaa	ccaaggggaag	atgaaaaaga	tggccaggca	tataagtttg	tgtcacgac	1320
tgagatggaa	gcagatatta	aagctggaaa	gtatttgga	catggggaat	atgaaggaaa	1380
tctctatgga	accaaaattg	attctattct	tgaggttgtc	caaactggac	ggacttgcac	1440
tctggatgtc	aaccacaag	cactgaaagt	attgaggaca	tcagagttta	tgccctatgt	1500
ggtattttatt	gcggctccgg	agctagagac	gttacgtgcc	atgcacaagg	ctgtgggtgga	1560
tgacggaatc	actaccaagc	ttctgaccga	ctctgacttg	aagaaaacag	tggtatgaaag	1620
tgacggaatt	cagagagcat	acaaccacta	ttttgatttg	atcatcataa	atgataatct	1680
agacaaagcc	tttgaaaaaac	tgcaaactgc	catagagaaa	ctgagaatgg	aaccacagtg	1740
ggtcccaatc	agctgggttt	actgatgatt	cagtaagggt	aacaatgaaa	attaaactct	1800
taaaaagtga	ctgcaacaaa	taaaccttct	actgagaaaa	tacatcacag	atagaagatt	1860
atctgcctaa	gtcccaggca	tttttatggt	gtagattgaa	ataatagtag	acttctgaat	1920
ttttatataa	aatgtggttg	gaaggtgtac	taatatataa	tttatcttaa	tttttctaac	1980
tttgtatgga	taatctttct	attcatatca	cataaagaaa	tgcggtgaag	caaaaaaaaaa	2040
a						2041

<210> 8331

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (477)...(1275)

<223> similar to gi5001720 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8331

cgtgcgtgga	attcggcgtg	cttgctgctg	gaggggtgatg	gccctgcaag	gctgtgggct	60
ccgacctcac	cgggagtcga	cagcgagagg	ttcgccgaac	agcgagggtc	tgggcgagcg	120
ctgaacgccg	gccccagca	ccccgggtct	ttacacagtc	cgcggccaca	gactctgacg	180
aagacgtgga	tctgctctcg	ctttagctgc	tcgcggtcct	ccagatcatg	tccgcgactc	240
ctgcgactcc	gcgcggaaaa	aaaagtgtgc	caggcgtgga	ctcaatgacc	tttccaagct	300
gtgcgcctcg	ctgcctggac	cgggtctgag	cgcggtgcc	caggttgacc	tttctcgagg	360
agggctttct	ctacgtgctg	ttgtctcact	gggtttttgt	cggagcccca	cgccctccgg	420
cctctgattc	ctggaagaaa	gggttggtcc	cctcagcacc	cccagcatcc	cggaaaatgg	480
ggagcaaggc	tctgccagcg	cccatcccgc	tccaccctgc	gctgcagctc	accaattact	540
ccttctgca	ggccgtgaac	accttcccgg	ccacggtgga	ccacctgcag	ggcctgtacg	600
gtctcagcgc	ggtacagacc	atgcacatga	accactggac	gctgggggat	cccaatgtgc	660
acgagatcac	ccgctccacc	atcacggaga	tggcggcggc	gcagggcctc	gtggacgcgc	720
gcttcccctt	cccgcccttg	ccttttacca	cccacctatt	ccaccccaag	cagggggcca	780
ttgcccacgt	cctcccagcc	ctgcacaagg	accggccccg	ttttgacttt	gccaatttgg	840
cgggtggctgc	cacgcaagag	gatccgccta	agatgggaga	cctgagcaag	ctgagcccag	900
gactgggtag	ccccatctcg	ggcctcagta	aattgactcc	ggacagaaag	ccctctcgag	960
gaaggttgcc	ctccaaaacg	aaaaaagagt	ttatctgcaa	gttttgcggc	agacacttta	1020
ccaaatccta	caatttgctc	atccatgaga	ggacccacac	ggacgagagg	ccgtacacgt	1080
gtgacatctg	ccacaaggcc	ttccggaggc	aagatcacct	gcgggatcac	agatacatcc	1140
attccaaaga	aaaacccttc	aaatgtcagg	agtgtgggaa	aggattttgt	cagtctagaa	1200
ctctagcagt	tcacaaaact	ttacacatgc	agacatcaag	ccctacagct	gcgagcagtg	1260
cggcaaaagtg	ttcaggcgaa	actgtgatct	gcggcggcac	ac		1302

<210> 8332
 <211> 839
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (217)...(606)
 <223> similar to gi286244 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8332
 tgggtggaatt cctgagccgt tgccttggct acaccgtctg ttagggccgc gcacgagatc 60
 agtaactgag acctcaccgc gttgaccag caccagggct cgcggggggtc ccgcgaggggt 120
 ctcggtagcc gcgcgccag agacccccgc cgcggcccga ttctctgagc gccagacatg 180
 aaccgcaaga aactgcagaa gctgacggac accttaacca aaaattgcaa gcattttattc 240
 cgaggttttg ataaagataa tgatggctgt gtaaattgtat tggagtggat tcatggatta 300
 tcaatgtttc ttcgaggatc tttggaagaa aaaatgaaat attgctttga agtgtttgat 360
 ttgaatggtg acggattcat ttcaaaggag gaaatgtttc acatgttgaa gaacagcctt 420
 ctcaaacagc catctgagga agaccctgat gaaggaatta aagatttggt tgaaataaca 480
 ctgaagaaaa tggatcatga ccatgatggg aagctgtctt ttgcagacta tgaactggct 540
 gtgagagaag agactcttct actggaggcc tttgggccat gtcttcctga tccaaagagc 600
 cagatggaat ttgaagctca agtattcaaa gatccaaatg aattcaatga tatgtgaata 660
 actaaatgtc tatattgtct caagttagta aaaaaggagg cacacacata ttgcttattt 720
 tttctactta gttcagaaaa atgatgttga attgtgtgtt tcagggtgaa gatgaggttc 780
 atttacatat atcatttaac atcagtgtaa gatgcaatta aaatagatgg aagacaaga 839

<210> 8333
 <211> 2540
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (160)...(1635)
 <223> similar to gi505029 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8333
 gtcgtggaat tctgcgcgca gctccaccgt tgccaagacg ccgcgtaaac acccgagcgc 60
 gcgcagccag gtgcgctcct tggggctgct ggctgctgcg tttgcggcgg gaggtggtgg 120
 ccgcggtccc acgagagggg gtatttttcg tcagccaaga tgggttccaa aaggagaaat 180

ttgagctgta	gtgaaaggca	tcagaaatta	gtagatgaaa	actactgcaa	aaaattacat	240
gtccaagctc	taaaaaacgt	caacagtcaa	atcaggaatc	aaatgggtgca	gaatgaaaat	300
gataaccgtg	ttcagcgcaa	gcaatttctc	agattattac	aaaatgaaca	atttgagttg	360
gatatggaag	aggccattca	aaaggcagaa	gaaaacaaga	gattgaaaga	actccagctc	420
aaacaagaag	aaaaactggc	tatggaattg	gcaaaactga	aacatgaaag	tctaaaggac	480
gaaaaagatga	ggcaacaagt	aagagaaaac	agcattgagc	ttagagaatt	ggagaagaaa	540
ttaaaagcag	cttacatgaa	taaagaaaag	gcagctcaga	ttgctgaaaa	ggatgccatt	600
aaatatgaac	aaatgaaacg	tgatgctgaa	atagccaaaa	ccatgatgga	agaacacaag	660
agaataataa	aggaagagaa	tgctgcagaa	gacaaacgaa	acaaagcgaa	agcacagtac	720
tatcttgact	tagagaaaaca	acttgaagaa	caagaaaaaa	aaaagcagga	agcttatgag	780
cagctgctaa	aagagaaaact	catgattgat	gaaattgtta	ggaagatcta	tgaagaagat	840
cagttggaaa	aacaacaaaa	gtagaaaaaa	atgaatgcaa	tgcaaggta	tatagaagag	900
tttcagaaag	agcaggctct	ctggagaaaa	aagaaacgtg	aggagatgga	agaagaaaaa	960
agaaaaatca	tagagtttgc	taacatgcag	cagcaaaagag	aagaagatcg	gatggcaaaa	1020
gttcaagtaa	atgaggagaa	aaggctacag	cttcagaatg	cgttgacaca	gaaattagaa	1080
gaaatgtgctg	ggcaacgtga	agattttggag	caagtgcgac	aagaattata	ccaggaagaa	1140
caagctgaaa	tatataagag	caagctaaaa	gaagaagcag	aaaagaaatt	gagaaagcaa	1200
aaagagatga	agcaagattt	tgaagaacaa	atggccttga	aggaattagt	gctacaggct	1260
gcaaaaagagg	aagaggagaa	ctttagaaaa	actatgctag	ctaaatttgc	tgaggatgat	1320
cgaatagaat	taatgaatgc	tcagaaaacaa	agaatgaagc	agctggaaca	caggagggct	1380
gtggaaaaac	ttattgaaga	gcgtcgccaa	caattccttg	cagacaaaca	acgtgaacta	1440
gaagagtggc	agttgcagca	aaggcggcaa	ggatttatta	atgcaattat	tgaagaagaa	1500
aggctaaaac	ttcttaaaga	gcatgctaca	aacttactag	gctatctccc	taaaggagta	1560
tttaaaaaag	aggatgatat	tgatctgctt	ggtgaagagt	tcaggaaagt	atatcaacaa	1620
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gtatgttacc	acttagatgt	cagcataact	tttgtttttac	agttcagtgg	cattaggtat	1740
ccattgtctg	tttggatttt	gtaaatcatc	actgaatttc	ataacttgta	aacaattatc	1800
agatacaaat	taattttta	caagctgtta	tttttgtact	gataatttca	aatccgatt	1860
tctacaacac	tacagagcac	tgtttgcac	cccacctca	agacagtata	tttaccttga	1920
ctaatacaga	actctacccc	aaagtgaact	gccttctgtc	tgtgtttacg	aactttactt	1980
acttgattta	gccagggaaa	taaatatattg	gaattttctt	ttaaagcatc	ttttttggtc	2040
tactgtaagg	gaggagaatt	ataaatgaaa	agagtcaaga	attttattat	ctgatgtgct	2100
taattgtcat	gctaagaact	taaaaaaaca	actcaaaaag	agctaatagc	taatctccta	2160
aatctaaaaa	gggaattctt	tgaaattatt	ttgctttcat	aatcaaatat	attacttatg	2220
aagaataaaa	ataattcaaa	ccactacaat	aagtataaatg	ggtatccatc	acatactgtc	2280
atagagacta	actgaagtag	atcacttatg	aatttcccca	ttcaagtgtc	ttcataaatt	2340
cctcctcagt	gaaagatagc	atcctggcag	cttcaatatg	catcttttgc	cttttttaaaa	2400
catcaattaa	ttttaactgt	ttcttgaacc	ctatcattaa	ttctcctttt	tgtttttcta	2460
gcttcttgtt	ttctgatttt	aacacttcaa	tttttttgtg	ttcttcattt	gctatgacct	2520
tgttattttg	ccttaattta					2540

<210> 8334

<211> 3387

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (329)...(2996)

<223> similar to gi4240297 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400>	8334					
atccagttca	cgcagtcgtc	attccagtat	ctcacctgtc	aggcttccac	ttaattccag	60
tctgggagct	gaactcagta	ggaaaaagaa	ggaaagagca	gctgctgctg	ctgcagcaaa	120
gatggatgga	aaggagtcca	gctacgaaag	aagtggctct	tacagcgggc	gatcgcccag	180
tccctatggg	cgaaggcggg	ccagcagccc	tttcttgagc	aagcgggtctc	tgagtcggag	240
tccactcccc	agtaggaaat	ccatgaagtc	cagaagtaga	agtcctgcat	attcaagaca	300
ttcatcttct	catagtaaaa	agaagagatc	cagttcacgc	agtcgtcatt	ccagtatctc	360
acctgtcagg	cttccactta	attccagtct	gggagctgaa	ctcagtagga	aaaagaagga	420
aagagcagct	gctgctgctg	cagcaaagat	ggatggaaag	gagtccaagg	gttcacctgt	480
atTTTTgctt	agaaaagaga	acagttcagt	agaggctaag	gattcagggt	tggagtctaa	540
aaagttaccc	agaagtgtaa	aattggaaaa	atctgcccc	gatactgaac	tggatgaatgt	600
aacacatcta	aacacagagg	taaaaaattc	ttcagataca	gggaaagtaa	agttggatga	660
gaactccgag	aagcatcttg	ttaaagattt	gaaagcacag	ggaacaagag	actctaaacc	720
catagcactg	aaagaggaga	ttgttactcc	aaaggagaca	gaaacatcag	aaaaggagac	780
ccctccacct	cttcccacaa	ttgcttctcc	cccaccccct	ctaccaacta	ctacccctcc	840
acctcagaca	ccccctttgc	cacctttgcc	tccaatacca	gctcttccac	agcaaccacc	900
tctgcctcct	tctcagccag	catttagtca	ggttcctgct	tccagtactt	caactttgcc	960
cccttctact	cactcaaaga	catctgctgt	gtcctctcag	gcaaattctc	agccccctgt	1020
acaggtttct	gtgaagactc	aagtatctgt	aacagctgct	attccacacc	tgaaaacttc	1080
aacgttgctt	cttttgcccc	tcccaccctt	attacctgga	gatgatgaca	tggatagtcc	1140
aaaagaaact	cttccctcaa	aacctgtgaa	gaaagagaag	gaacagagga	cacgtcactt	1200
actcacagac	cttccctctc	ctccagagct	ccttggtgga	gatctgtctc	ccccagactc	1260
tccagaacca	aaggcaatca	caccacctca	gcaaccatat	aaaaagagac	caaaaatttg	1320
ttgtcctcgt	tatggagaaa	gaagacaaac	agaaagcgac	tgggggaaac	gctgtgtgga	1380
caagtttgac	attattggga	ttattggaga	aggaacctat	ggccaagtat	ataaagccaa	1440
ggacaaagac	acaggagAAC	tagtggctct	gaagaagggtg	agactagaca	atgagaaaga	1500
gggcttccca	atcacagcca	ttcgtgaaat	caaaatcctt	cgtcagttaa	tccaccgaag	1560
tgttggtAAC	atgaaggaaa	ttgtcacaga	taaacaagat	gactggatt	tcaagaagga	1620
caaaggtgcc	ttttaccttg	tatttgagta	tatggaccat	gacttaatgg	gactgctaga	1680
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aggattggaa	tactgtcaca	aaaagaattt	cctgcacggy	gatattaagt	gttctaactat	1800
tttgctgaat	aacagtgggc	aaatcaaaact	agcagatttt	ggacttgctc	ggctctataa	1860
ctctgaagag	agtcgccctt	acacaaacaa	agtcattact	ttgtgggtacc	gacctccaaa	1920
actactgcta	ggagaggAAC	gttacacacc	agccatagat	gtttggagct	gtggatgtat	1980
tcttggggaa	ctattcaca	agaagcctat	ttttcaagcc	aatctggaac	tggctcagct	2040
agaactgac	agccgacttt	gtggtagccc	ttgtccagct	gtgtggcctg	atgttatcaa	2100
actgccctac	ttcaacacca	tgaaaccgaa	gaagcaatat	cgaaggcgtc	tacgagaaga	2160
attctctttc	attccttctg	cagcacttga	tttattggac	cacatgctga	cactagatcc	2220
tagtaagcgg	tgcacagctg	aacagaccct	acagagcgac	ttccttaaag	atgtcgaact	2280
cagcaaaatg	gtcctccag	acctccccca	ctggcaggat	tgccatgagt	tgtggagtaa	2340
gaaacggcga	cgtcagcgac	aaagtgggtg	tgtagtcgaa	gagccacctc	catccaaaac	2400
ttctcgaaaa	gaaactacct	cagggacaag	tactgagcct	gtgaagaaca	gcagcccagc	2460
accacctcag	cctgctcctg	gcaagggtgga	gtctggggct	ggggatgcaa	taggccttgc	2520
tgacatcaca	caacagctga	atcaaaagtga	attggcagtg	ttattaaacc	tgctgcagag	2580
ccaaaccgac	ctgagcatcc	ctcaaatggc	acagctgctt	aacatccact	ccaaccaga	2640
gatgcagcag	cagctggaag	ccctgaacca	atccatcagt	gccctgacgg	aagctacttc	2700
ccagcagcag	gactcagaga	ccatggcccc	agaggagtct	ttgaagggaag	cacctctgct	2760
cccagtgatc	ctgccttcag	cagaacagac	gaccttgaa	gcttcaagca	caccagctga	2820
catgcagaat	atattggcag	ttctcttgag	tcagctgatg	aaaacccaag	agccagcagg	2880
cagctctggag	gaaaacaaca	gtgacaagaa	cagtgggcca	cagggggcccc	gaagaactcc	2940
cacaatgcc	caggaggagg	cagcaggtag	gagcaacggt	gggaatgccc	tctgaggaat	3000
gcagtgatgt	ccatcagtc	cctctcacc	agagcctggc	aaattcagtc	tctttcacag	3060
aacctaaagc	caagccaggt	tcagtgggaa	atcccacctg	tccaaacact	gtgtgagaca	3120
ccagaattag	aggcctgcaa	gcctgcttcc	ttcatcccc	atgccagat	gggacaggtc	3180
accagcctcc	tgtgtctacc	cccacctttc	ttgcttgctg	gcctcctctc	tctgcagtgc	3240

ctctctc	atc	cctgcaatcc	agacagcaca	tgcagcagct	catatgtgaa	aaacaagacc	3300
cagagagggg	aaatcatttg	aatcctgtcc	tgggattgct	ttgtgttcct	ggatttggag		3360
aatttctggg	aacacaggag	aaggaat					3387

<210> 8335
 <211> 1084
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1085)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (753)...(347)
 <223> similar to gi2827474 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8335							
ccagcaccat	cccctatacg	gaagggctgt	gatgagcctg	gagcctcttg	ccttcacctg		60
tctacaccta	tccagtgtta	ttctctttct	ctgggcacag	cctcccaggc	tgtgtctcct		120
cctcctgtaa	aatgggcaca	gtattatgtg	ccttgtgttt	tctccgattc	agcagccttt		180
ccgcagatta	tctgtggccc	ctggggaaaag	gtgttggggg	ctcaaacactc	cattatgggg		240
actgcggctg	aggcctggct	gcaggctctcc	ctacacgctc	cccagcgggtg	agcccagcga		300
gacccagcag	acgggtcctgc	ctcccactct	ccagcactcc	cctctgctta	ctttgtctgc		360
agcgggtgagg	cgggtccacg	gcttatctgc	cctgcgggtca	tagtcctgag	cgtcagccac		420
ctccacgtag	tcaactgaagc	ggatgaggat	ctttctttcc	cgaagctctt	ccaccgtggg		480
cctttgactg	agctttcggg	ttagcctcct	cttgatctct	ctcttctcct	cctgttctct		540
ttgttcattc	cgagggtttca	aaatgttcct	ctgttccagt	tcctctgcag	ttggcctctg		600
gctcagccgc	ctacggaaaa	aatccaggaa	aagtttttgg	accatatcat	agcctccttg		660
ggtcattaat	ttcctcggcc	cttgacagata	catgagacag	tcagtggctg	gagttcttgt		720
tccatcctgt	gctctgaaag	actgactctc	gccaccaccg	cctcctcagt	tcntcaattt		780
caagcccagg	agaggcacgt	gcgtcatgtc	acagccgctg	acccccgccc	tcctccctgc		840
agcggccccct	ccccagcccc	atctcctcca	gtggccccag	gcaagtggac	tgcaactcag		900
acggggactct	tttcttcaca	gaagtccttt	tctttccttg	tggcctccta	acttggggac		960
tgtggcctct	tgccctctct	tccctccctt	gaggctaaaag	cctgtctcct	gcctcttctg		1020
tgcagaccca	gttagaacat	aaagaggtct	gtggccccgg	ggacatgtga	gagaatgtgt		1080
ctgt							1084

<210> 8336
 <211> 1871
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (303)...(1106)
<223> similar to gi3877439 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8336
gcacgagctt cgttcgggca cttccagtac tctcattcac ttectgtccc tttcttttac      60
gtttccgaca aaacagtgtc tgtgggcagc tagaatcttc agtttctgtg agcgtccgct      120
tcgtctgggc acttccggta ctccattca gttccggtcc ctgtctttta cgtttccggc      180
aaaacatcag tgtctgtggg tagttggaat cttcagttcc tgtgagcgtc ggcgctcttct      240
gggcctgtgg agtttcttgg acaggggccc cggggctcca ggacggcgcc cttagcgaca      300
ccatggcccg aaatgcagaa aaggccatga cggccttagc aagatttcgc caggctcagc      360
tggaagaggg aaaagtgaag gaacgaagac cctttctggc ctcaaatgt actgaactgc      420
ctaaagctga gaagtggaga cgacagatca ttggagagat ctctaaaaaa gtggctcaga      480
ttcagaatgc tggtttaggt gaatttcgaa ttcgtgacct gaatgatgaa attaacaagc      540
tgctaaggga gaaaggacac tgggaggtcc ggataaagga gctgggaggt cctgattatg      600
gaaaagtgtg ccctaaaatg ctggatcatg aaggaaaaga agtcccagga aaccgaggtt      660
acaagtactt tggagcagca aaagatttgc ctggtgttag agagctgttt gaaaaagaac      720
ctcttcctcc tcccagaaag acacgtgctg agctcatgaa ggcaatcgat tttgagtact      780
atggttacct agatgaagat gatggtgtta ttgtgccttt ggaacaggaa tatgaaaaga      840
aactcagagc cgagtttagtg gaaaagtggg aagcagagag agaggctcgg ctggcaagag      900
gagaaaagga agaggaggag gaagaggagg aagagatcaa catctatgca gtcaccgagg      960
aggagtcgga cgaggaaggc agccaggaga aaggagggga cgacagccag cagaagttca     1020
ttgctcacgt ccctgttccc tcgcagcaag agattgagga ggacttggtg cgaaggaaga     1080
aaatggaact cctccagaag tatgcaagcg agaccctgca ggcccaaagt gaagaagcca     1140
gaaggctcct ggggtattag gaccagctg gggctctcct tggagtctct ccattcccca     1200
gtggtacctc aggaccaggg gctgcagaca caggctggtg ctgcaagggc tctgccccca     1260
ttctcagcct tccttccttc tccttgtctc atgttgaccg gagggtaggg gtctgtccct     1320
ggtcttcctg gtaggttttg tacacatatt ttgctactgt gtggatccat ttatttttat     1380
tgtggagtggt atacaacagg ttgcgaactg gctgcctgtg tcttattttg acttgcactg     1440
ccattttgag gggagaagaa tcaatttagt gcaaacattt aaaaatgcaa ttttttgcag     1500
accaaaagtat aatttttaaaa aatgcaaatt ttctaaaaga cacatctctt gaaaaatgag     1560
atgatgtggc caggcgagct ggctcacgcc tgtaacccca gcactttggg aggccgaggc     1620
gggcgggtca cgaggtcaag agatggagac catcctggcc aacatggtga aaccccatgt     1680
ctactaaaaa tacaaaaaaa ttagctgggc gtactggcat gcacctgtag tcccagctgc     1740
ttgggaggct gaggcaggag aatcacttga acccgagagg tggaggttga agtgagccca     1800
gatcgtggcc attgcactcc aagccttggg acaagtggga acctcttccc ccaaaaaaaa     1860
aaaaaaagtt t                                     1871

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```

<210> 8337
<211> 1376
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1377)
<223> n = a,t,c or g

```


<220>
 <221> misc_feature
 <222> (372)...(575)
 <223> similar to gi2276353 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8337
 cctctgtcgc cccgaggcaa gcaggtttac ccagctgaga agaagtctgt gtcgctgagt 60
 gagacgggtgt ttctgtcatgt tgaccaggct ggtctcaaac tcctgacctc gagtgatcac 120
 ctgccttggc ctcccaaagt ggtgggatta cagaggaaaa gatgctagaa ccacaggaga 180
 atggcgtgat tgacctacca gattatgagc atgtagaaga tgaaactttt ctccttttcc 240
 cacctccagc ctctccagag agacaagatg gtgaaggaaac tgagcctgat gaagagtcag 300
 gaaatggagc acctgttcct gtacctccaa agagaacagt taaaagaaat atacccaagc 360
 tggatgctca gagattaatt tcagagagag gacttccagc cttaaggcat gtatttgata 420
 aggcaaaatt caaaggtaaa ggtcatgagg ctgaagactt gaagatgcta atcagacaca 480
 tggagcactg ggcacatagg ctattcccta aactgcagtt tgaggatttt attgacagag 540
 ttgaatacct gggaagtaaa aaggaagttc agacctgttt aaaacgaatt cgacttgatc 600
 tcctatttt acatgaagat tttgttagca ataagatga agttgcggag aataatgaac 660
 atgatgtcac ttctactgaa ttagatccct ttctgacaaa cttatctgaa agtgagatgt 720
 ttgcttctga gttaagtata agcctaacag aagagcaaca acaaagaatt gagagaaata 780
 aacaactggc cttggaaaga aggcaggcaa agctgcctna gtaaatagtca gacccttggg 840
 aatggatat ggttaatgaa ttacaccagc ggcacaccac ggttgaagag gttaatactg 900
 atgaggatca aaaggaggag tcaaattgat taaacgaaga cattctggac aatccatgta 960
 atgatgctat tgccaatact ttaaataag aggaaacact gctggaccag tcttttaaaa 1020
 atgtgcaaca gcaacttgat gctacatcca gaaatattac tgaagctaga taagtttcca 1080
 ttaagagaaa atgtatctgt taagtcatcg tcctgcaagc ttggcggtac tatgtatttt 1140
 ttcttcttgg agtgaaaatc cttagatagt aaaactgtta tagattattg tttaaaatct 1200
 gataatctgg tatttatatta taattatgct tgcacttta gttaaatcta tttgttctct 1260
 ttagtggttg tttttatata ggtatttctt cataaaatga ttaggaggta ataagcagtt 1320
 tctgctgctg gtctgtcatt gaatgccttg ttttcactaa gttgggaggt ttggtt 1376

<210> 8338
 <211> 1464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (72)...(1218)
 <223> similar to gi3805813 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8338
 ctccgagctt cttaaacaca ggccttgggc ctacggctct gggggtactt gggggggcgg 60
 gggcaggtct gatgagtaac ccctcccccc aggttccaga ggaagaagcc tccacatctg 120
 tctgccggcc caagagttcc atggcctcca cttcccgccg ccaacgccga gaacgtcgct 180
 ttctgtctga cttgtctgca ggacggctgg tccgggccca ggccctctc cagcgacacc 240

caggcctcga	tgtagatgct	gggcagcccc	caccactgca	ccgggcctgt	gcccgccacg	300
atgcccctgc	cctgtgcctg	ctgtctcggc	tcggggctga	ccctgcccac	caggaccgcc	360
atggggacac	ggcactgcat	gctgctgccc	gccagggccc	agatgcctac	accgatttct	420
tcctcccgc	gctaagccgc	tgtccctccg	ccatgggaat	aaagaataag	gatggggaga	480
cccctggcca	aattttgggc	tggggacccc	cctgggattc	tgctgaagag	gaggaagaag	540
atgatgcctc	caaggagcgg	gaatggagac	agaagctcca	gggtgagctg	gaggacgagt	600
ggcaggaagt	catggggagg	tttgaagggt	atgcctccca	tgaaaccag	gaacctgagt	660
ccttctcagc	ctggtcagat	cgctggcccc	gggaacatgc	ccagaagtgc	cagcagcagc	720
agcgagaagc	agagggatcc	tgtcgacccc	cacgtgctga	gggctccagc	cagagctggc	780
gacagcagga	ggaggagcag	cggtctttca	gggagcgagc	ccgggccaa	gaggaagagc	840
tgctgagag	ccgagccagg	agggcgagc	aggctctagg	ggaccgagaa	cccaagccaa	900
ccagggccgg	gcccagggaa	gagcacccca	gaggagcggg	gaggggcagc	ctctggcgat	960
ttggtgatgt	gccctggccc	tgccctgggg	gaggggaccc	agaggccatg	gctgcagccc	1020
tggtggccag	gggccccct	ttggaggaac	agggggctct	gaggaggtac	ttgagggtcc	1080
agcaggtccg	ctggcaccct	gaccgcttcc	tgacgcgatt	ccgaagccag	attgagacct	1140
gggagctggg	ccgtgtgatg	ggagcagtga	cagccctttc	tcaggccctg	aatcgccatg	1200
cagaggccct	caagtgaccc	tagggaagaa	gcaagaaact	tcggggctgc	agcctcagga	1260
tgaggcagaa	ggaagggtaa	gggaaaggat	ggggaccaca	aggaagagcc	aggtgctgct	1320
cagcagagga	tatgggtggg	agcgaaagtt	gtaacaagtg	ggggtggggg	gtgcgggccg	1380
ccaccactgc	tccttgactc	tgccgtttcc	taataagacc	tggttccaca	tctcaaaaaa	1440
aaaaaaataa	agtcatttaa	ccac				1464

<210> 8339

<211> 2648

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (123)...(1544)

<223> similar to gi3687833 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8339

cggtcgacga	tttcgtggcc	cgggctccctg	aggcctgaga	gaggcgaagt	ggggcccttc	60
tgggcgggcg	accagactga	ctcccggccc	acttgctcgc	gcaggacgag	gcggtggcgc	120
gcgatgtgca	gcggttgcta	gtgcagttcc	aggatgaggg	cgggcagctg	ctgggttccc	180
cgttcgacgt	gcccgtggac	atcaccgccg	acaggctgca	gctcgtgtgc	aacgcgctac	240
tggcccagga	ggatcccctg	ccactggctt	tctttgtcca	cgatgctgag	atcgtctcct	300
cactggggaa	gacgttgag	tcccaggcag	tggagacaga	gaaggtecta	gacatcatct	360
accagccaca	ggctatcttc	agagtcgggg	ctgtgactcg	ctgcaccagc	tccttgagg	420
gtcacagtga	ggcagtcatt	tctgtggcct	tcagccctac	gggaaagtac	ctggccagtg	480
gctctggaga	caccaccgtg	cgcttctggg	atctcagcac	agagacacca	catttcacat	540
gcaagggaca	cagacactgg	gtccttagta	tatctggg	tccagatggc	aagaagctgg	600
cctcaggctg	caagaatggc	cagattctcc	tctgggaccc	aagcacaggg	aagcaggtgg	660
gcaggaccct	cgctggccac	agcaagtgga	tcacaggcct	gagctgggag	cccctccatg	720
cgaaccctga	gtgcccgtat	gtggccagca	gtcccaagga	tggcagtgtg	cggatctggg	780
acacaactgc	agggccgctgt	gagcgcatcc	tcaccgggca	caccagtcg	gtcacctgtc	840
tccggtgggg	aggggagcggg	cttctctact	ctgcctccca	ggaccgcacc	atcaaagtct	900
ggagagctca	tgacggtgtg	ctgtgccgga	ctctgcaagg	ccacggccac	tgggtgaaca	960

ccatggccct	cagcactgac	tatgccctgc	gcactggggc	ctttgaacct	gctgaggcct	1020
cagttaatcc	ccaagacctc	caaggatcct	tgcaggaggt	gaaggagagg	gctctgagcc	1080
gatacaacct	cgtgcggggc	caggggtccag	agaggctggt	gtctggctcc	gacgacttca	1140
ccttattcct	gtgggtcccca	gcagaggaca	aaaagcctct	cactcgggatg	acaggacacc	1200
aagctctcat	caaccagggtg	ctcttctctc	ctgactcccc	catcgtggct	agtgcctcct	1260
ttgacaagtc	catcaagctg	tgggatggca	ggacgggcaa	gtacctggct	tccctacgcy	1320
gccacgtggc	tgccgtgtac	cagattgcgt	ggtcagctga	cagtcggctc	ctggtcagcy	1380
gcagcagtga	cagcacactg	aagggtgagg	atgtgaaggc	ccagaagctg	gccatggacc	1440
tgcgcggcca	cgcggtatgag	gtatatgctg	ttgactggag	tccagatggc	cagagagtgg	1500
caagtgggtg	gaaggacaaa	tgcctccgga	tatggaggag	atgagacggc	ccgaagtctc	1560
ctctgacccc	cacctcgact	cggcctctgc	cagctgcctt	ccctgccaga	gaacaaaggc	1620
tgagatggca	gtgcacacac	cctccccacc	agtggggacc	tgagaatgcy	tgtggcctgc	1680
tgtcctcgat	agaccggaat	ggggttttcc	cacagatccc	cgctgtggc	acaccccaga	1740
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accttgctgg	tacagacagg	ggtggtgggc	agccaggctc	tatgagtggg	cccctagtgt	1860
cagctctgta	cagggtcaga	tcccaggttc	tatgacccaa	taagtaactt	aagttttgtg	1920
tgttgggttc	taattccttg	tcctagaatc	cccatgactc	aatcaaggac	tgtgctaaat	1980
gagattgtcc	agcccccgcc	cttgcaactg	actacgccaa	aaccacactg	accaggcact	2040
tgccttccct	ctcttccccc	gtgttggtaa	gagagaggcc	agttgtgata	gtggccaagg	2100
agaatctagg	gctgtattgt	tgtccactgc	agtaggcacc	ggccacatgt	gactgctggc	2160
atgaaataga	agtgcagttc	ctccatcgca	ctgggtgaagg	cctccagtat	tggaacagcac	2220
acagaaaggt	tttcatcatc	aagagagtgc	tgcttggtca	ggcctgggtc	cagggggatt	2280
gccctctgcc	ttcgcatagc	acactgcctt	gaaggccctg	cccaggcacc	aagcactgcc	2340
ctgggcccct	gggatagagc	ggggaagggtg	atggctcttc	cagaggattc	cctcagatgg	2400
ggaggcagca	gtatgagctc	tgagcagaag	tgggtattgt	tgatacagag	gaagtctctt	2460
gccacgagaa	ctttcaagca	gtgaaaggaa	ttcccatcag	gactcagacc	ccaggccgag	2520
atcttgccct	gaatgtaccc	tgcctctgct	ttctcctgca	tcccatgcta	agcaggggtca	2580
tgggtctgaac	tactcagatt	ggattttccaa	accatccttg	tataaactgc	tcagaactaa	2640
aaaaaaaa						2648

<210> 8340

<211> 1870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (358)...(950)

<223> similar to gi2370493 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8340

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agctggatgg	accgcgagac	gcgcgcctc	gccgacagcc	acttccgagg	cctgggggtc	180
gagtctcccc	gcgtcggcca	ggctccgggc	cgggtagcct	tcgtctcgga	gccgggcgcc	240
ttctcctacg	cgcactttgt	gcggggcttc	ttgctgcccc	acctgccctg	cgtgttttcc	300
agcgcttca	cgcagggtg	gggcagccgg	cgcgctggg	tgacgcccgc	ggggaggccc	360
gacttcgacc	acctgctacg	gacctacgga	gacgtgggtg	taccagtgtc	aaactgtggg	420
gtccaggaat	acaactcgaa	ccccaaagag	cacatgactc	tcagagacta	catcacctac	480

tggaaagagt	acatacaggc	gggctactcc	tctcccaggg	gctgtctcta	cctcaaagac	540
tggcacttgt	gcagggactt	tccggtggag	gacgttttca	ccctgcctgt	gtactttctcg	600
tccgactggc	tgaatgagtt	ctgggatgca	ctggatgtgg	atgactaccg	ctttgtctac	660
gcggggcctg	cgggcagctg	gtccccgttc	catgctgaca	tcttccgctc	cttcagctgg	720
tctgtcaatg	tctgtgggag	gaagaagtgg	ctcctcttcc	ccccagggca	ggaagaggcc	780
ctgcgggacc	gccacggcaa	cctgccctac	gacgtgacct	ccccagcact	ctgcgacaca	840
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gagatgggtg	ttgtgccag	tggctggcac	caccaggtgc	acaacctggg	aatgtgctgc	960
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gtggtgtcgc	tgaggcctag	cctctgtttc	acccactgcc	ggccctggg	tctacttgct	1140
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cctgctggga	gacaggaggg	ccctcttggc	tgagaggggc	tggacccac	agtgggttcc	1260
tggcgcagga	gatgtgggtt	ggtcaggggg	cacctgccat	gggctcaggc	ctgcctgcac	1320
tgtgccctt	ccaggatgac	accatctcca	tcaaccacaa	ctgggtcaat	ggcttcaacc	1380
tggccaacat	gtggcgcttc	ttgcagcagg	agctatgcgc	cgtgcaggag	gaggtcagcg	1440
agtggaggga	ctccatgccc	gactggcacc	accactgcca	ggtggggtgg	ctacgcatgg	1500
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cagctttctca	gtgcctctgt	cttaattggtc	ccttctctgt	ccttggggac	tgggcacatg	1620
tcgggtcctt	tgcagcttgg	actgtgtcca	tgggtttagc	tcactggcct	cttccctctg	1680
cccaggtcat	catgagggtcc	tgctcgggca	tcaactttga	agagttttac	cacttcctca	1740
aggctcatgc	tgagaagagg	ctcctggtcc	tgaggagggc	agccgctgag	gacggtgctg	1800
ggttggggtt	cgaacaggca	gcctttgatg	ttgggcgcac	cacagagggtg	ctggcctcct	1860
tggttgcgca						1870

<210> 8341

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1002)...(537)

<223> similar to gi4929266 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8341

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cagtatttct	tttcctggcc	actgtgctgg	agcgtgagga	aagactctcc	accctcactc	180
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gtttcctgca	aaacgggtgcc	catctcaacc	atgggttgct	aaccatcctc	ggtgtctaca	300
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<210> 8342

<211> 5207

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (174)...(3686)

<223> similar to gi31422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8342

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5207

<210> 8343
<211> 2407
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2245)...(990)
<223> similar to gi405192 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ccgcaggggg	ggccccggtt	ctctccgttc	ctttgagtat	gttgtgggga	gtggagctcg	2340
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<210> 8344

<211> 4120

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (252)...(1897)

<223> similar to gi3327192 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ctgccaggcc	tcgagc	atcc	aagcatgatt	ttgctgtgac	aaatctaaaa	tcaaccaggc	3060	
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tctttaaacc	ctaaat	ctga	gtcagtaatt	ctcttacatc	cttcccaaaa	atcagtgtct	3180	
agggactagt	tgatct	ggat	gagttataca	tgatatttga	cttttcataa	gtagtggag	3240	
gtttcactaa	gtaaa	actct	cagtttcttg	gtatctggct	ttcttataca	gatgggtgcc	3300	
atttgctcca	ccagac	agga	gttaaaaacc	tttaaagagc	atttaacatg	ccttttagtt	3360	
ttcttatttc	ataatc	tact	tttctatcat	taatcatctt	accaggaata	atcaaggccc	3420	
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ctcccata	ttggag	agga	taactcgcgt	ttacatatgt	gatagttatg	cttaatacta	3960	
attcacagag	ttggct	cgat	catttttgaga	ttctagtgtc	tttatctcaa	agctttcact	4020	
gaagggctgt	aactga	aaat	tattaaatgt	tagtcttttag	tcaaattctct	gcattgtttc	4080	
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<210> 8345

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (780)...(283)

<223> similar to gi2546964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8345

tttttttttt	tggttttgaa	tgctctat	tgccttaaaa	atatttttac	tagtctcagt	60
aatacattag	taaaaatcat	gtcactta	taattgtgtt	agaatcaaag	aaacatagag	120
ttcgggcaat	atacttcac	ctacccat	cacccaaat	ttactctact	catctcattc	180
tcattaat	tgggaaatca	tcagaagat	tggttcgttg	gtaagagatt	aaaaagaaat	240
aagctttttg	acccttgcc	aacacccat	gccaggggtg	gtcacccctc	aatacaataa	300
catgccagga	agagtaagtt	gccctttctg	atgccgtaat	ctgccatcat	cttcccatct	360
tccagtctct	ttccattgca	agtcacaat	tgggtctcag	ggattatacc	cgtcttagtc	420
tcgatcattg	ctttcacttg	tgccactgag	ctggaccttc	gcacctggag	gagggtgcctc	480
tttgctcat	cacctgactc	cacaagaaac	aagggcagct	cctcatcact	gggcttcacc	540
actttcaggg	taagggtgat	ggtcttctct	ttgtcaatgc	cataagatga	gaggcttctc	600
cgtggcttta	agatcttgga	gccagcaaaa	agaacctggg	cctgcacagg	aaccttgggtc	660
ttagaccgga	catgttcttt	gatttttttc	acgctgtcat	atgggttggc	atcaaagggtc	720
attaaatccc	attcctcgga	acggacatgc	acacagaggc	aggaagcatt	gggagccatc	780
tctgcagaca	aggggcc					797

<210> 8346

<211> 1845

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (113)...(1313)

<223> similar to gi5457171 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8346

gtttaaatga	tacaacttaa	ttttattagg	acagacgctg	gcggccacca	gaagtttgag	60
cctcttttgg	agcaggaggc	tggaagaaag	gacagaagta	gctctggctg	tgatggggat	120
cttactgggc	ctgctactcc	tggggcacct	aacagtggac	acttatggcc	gtcccatcct	180
ggaagtgcc	gagagtgtaa	caggaccttg	gaaaggggat	gtgaatcttc	cctgcacct	240
tgacccctg	caaggctaca	cccaagtctt	ggtgaagtgg	ctggtacaac	gtggctcaga	300
ccctgtcacc	atctttctac	gtgactcttc	tggagaccat	atccagcagg	caaagtacca	360
gggcccgcctg	catgtgagcc	acaaggttcc	aggagatgta	tccctccaat	tgagcacctc	420
ggagatggat	gaccggagcc	actacacgtg	tgaagtcacc	tggcagactc	ctgatggcaa	480
ccaagtctg	agagataaga	ttactgagct	ccgtgtccag	aaactctctg	tctccaagcc	540
cacagtgaca	actggcagcg	gttatggctt	cacggtgccc	cagggaatga	ggattagcct	600
tcaatgccag	gctcgggggt	ctcctcccat	cagttatatt	tgggtataagc	aacagactaa	660
taaccaggaa	cccatcaaag	tagcaaccct	aagtacetta	ctcttcaagc	ctgcggtgat	720
agccgactca	ggctcctatt	tctgactgc	caagggccag	gttggctctg	agcagcacag	780
cgacattgtg	aagtttgtgg	tcaaagactc	ctcaaagcta	ctcaagacca	agactgaggc	840
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aactttggca	tcttgccacc	agaagaccgc	agggaggctc	agctctgcca	gctcagagga	1680
ccagctatat	ccaggatcat	ttctctttct	tcaggggccag	acagctttta	attgaaattg	1740
ttatttcaca	ggccaggggt	cagttctgct	cctccactat	aagtctaattg	ttctgactct	1800
ctcctggtgc	tcaataaata	tctaatacata	acagcaaaaa	aaaaa		1845

<210> 8347

<211> 2238

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (467)...(1478)

<223> similar to gi3875131 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8347

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tctctctgcg	acccttccct	gttaggcccc	agcctcttct	ccctcacag	gtcttctctg	120
tcctggcctc	accgccttat	cctattcctc	tccttgccc	tgtgtcttgt	ctcagagccc	180
cctcgggggtg	ggagtaggtt	gtggagcagc	acaactgggc	tcaccccaaa	gcagaacttc	240
tcaatccatg	aggacaatgg	ggaggccttt	aggccagccc	acatgtgaca	atggagggct	300
gcggcttcct	tgccggagagc	acaagtgagc	tcactgcctt	ggactccagg	gaatcagagt	360
tctggcccgcg	gggtgaccca	gctcctctgc	taccatgaat	agggcccctc	tgaagcgggc	420
cacgatcctg	cacatggcgc	tgaccggggc	ctcagacccc	tctgcagagg	cagaggccaa	480
cggggagagaag	ccctttctgc	tgccggcatt	gcagatcgcg	ctgggtggtct	ccctctactg	540
ggtcacctcc	atctccatgg	tgttccttaa	taagtacctg	ctggacagcc	cctccctgcg	600
gctggacacc	cccattctcg	tcaccttcta	ccagtgcctg	gtgaccacgc	tgctgtgcaa	660
aggcctcagc	gctctggccg	cctgctgccc	tggtgccgtg	gacttcccca	gcttgccgct	720
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caccaccgtc	ttcaacgtgc	tgctctccta	cctgtctgctc	aagcagacca	cctccttcta	900
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cggggagctt	caggccctgc	gtgactttgc	ccagctgggc	agtgccact	tctgggggat	1200
gatgacgctg	ggcggcctgt	ttggctttgc	catcggctac	gtgacaggac	tgcatgcaa	1260
gttcaccagt	ccgctgaccc	acaatgtgtc	gggcacggcc	aaggcctgtg	cccagacagt	1320
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ggaggagccc	agccccaaag	acagcgagaa	gagcgccatg	gggggtgtgag	caccacaggc	1500
accctggagt	gccccggccc	ggggcccgta	cacaggcggg	gccagcacag	tagtgaaggc	1560
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cagaatacgg	tggttgagaa	ggaaccagtg	tttacaagta	atatcagaaa	gttgaggaa	1680
ccagtgttta	caagtaatac	cagaaaagttg	ccaaaccctt	ctctatcctc	tcgtatttct	1740

gagtttttgt	ccttcccag	ggagcaccc	agtgagagtt	gaaccccttc	cttctgcctc	1800
cagggcctgt	ctgcctccac	atcactctga	ggacagggac	aggcaacaac	cttgaagggg	1860
cagcaatggc	aaagccacaa	aggcttcact	gtactcaggg	gagatggccc	taccacagcc	1920
acctggagag	ggttggaag	ccttccgtct	gcgggtgggca	ggcagcctca	ccctggggccc	1980
acagaccggc	cttcctttgg	aggaaagtgt	ggcctggact	gagggaggaa	atgagcgagt	2040
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ttgtgagaaa	gtgctcacca	tctatacacc	ctgtatgtcc	agcttttgaa	cacaagggaa	2160
ccatgcttct	ctttagaggt	ttaaagcagg	gtcatttaac	atcctccccc	agtcacctaac	2220
atcacattgt	cctgcgtg					2238

<210> 8348

<211> 1659

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1660)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (619)...(1606)

<223> similar to gi2342743 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8348

ctgagacggg	aagatagtct	tcaggaaaga	cacacaaagg	taacttgtgc	agagggagat	60
ggcaaattta	tancttctca	gaaaccaggt	aatgataagt	aaccaaggac	ttccaccaa	120
gtcagtocca	cgatgacgat	ggtcagccag	agtattgata	acctcttaga	atcatccaga	180
aacaagtcac	tcttcatctg	tccagcaaag	gcctgtctag	cgtggaggcc	tcagaacgtg	240
aggaaggagc	tgtccagcac	ggatgagtcc	aggcagctgt	cgacgtccag	cacctgtctc	300
ccggcaggtg	tggggctcgg	gctcccagcc	accttgtctc	gggacatccg	gaagagaaa	360
aggatggcca	ggtagacggg	atagacaacc	acgctggaca	tccagagggc	cacctgtctc	420
gttctctctc	tctgctctct	cctgggcgcc	aacgccgtgt	ggtacggggc	tgttggtgac	480
tctgctctca	gcacggggca	tgtgtccagg	ctgagcccgc	tgagcgtcga	cacagtcgct	540
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cggatgtccc	ggagcaaggt	tatcaatact	ctggctgacc	atcgtcatcg	tgggactgac	660
tttggtggaa	gtccttgggt	acttatcatt	actgtgtttc	tgagaagtta	taaatttgcc	720
atctccctct	gcacaagtta	cctttgtgtg	tctttctga	agactatctt	cccgtctcaa	780
aatggacatg	atggatccac	ggatgtacag	cagagagcca	ggaggtccaa	ccgccgtaga	840
caggaaggaa	ttaaaattgt	cctggaagac	atctttactt	tatggagaca	ggtggaaacc	900
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gaggactact	acagatgcaa	aatcaccctt	tctgcaagaa	agcctctttg	caaccgggtc	1200
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gctgaaactt	taaaaaacag	gatggggcac	cagccacctc	ctccaactca	acaacattct	1320
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ccctcagctc	taccctcagc	ggatgataat	ctcaagacac	ctgcggagtg	tctgctctat	1440
ccccctccac	cctcagcggg	tgataatctc	aagacacctc	ccgagtgtct	gctcactccc	1500
cttccaccct	cagctccacc	ctcagcggat	gataatctca	agacacctcc	cgagtgtgtc	1560
tgctcactcc	ccttccaccc	tcagcggatg	ataatctcaa	gaaactaagg	aagaataaat	1620
aaataatata	aaaataaaaat	gaatactgca	gtcaaaaaa			1659

<210> 8349
 <211> 3629
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3630)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (86)...(712)
 <223> similar to gi4008441 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8349						
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gagtcaccgc	accgctcccc	ggatcatggt	gttctacttc	accagcagca	gcgttaattc	120
atctgcctac	actattttac	tgaggaaaaga	taaatatgaa	aatgaagatc	tgatcaagca	180
tggctggcct	gaagatatct	ggtttcatgt	ggacaaaactc	tcttcggctc	atgtatacct	240
tcgattacat	aagggagaga	atatagaaga	catcccaaag	gaagtgtcta	tggactgtgc	300
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tacgccgtgg	tctaacctga	agaaaacagc	tgacatggat	gtggggcaga	taggctttca	420
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catgntcagc	tttgaccac	cttaactcca	gtgaataggt	ggcagctcag	aaacaaggac	3420
agcactgctg	cttgccagag	caagcttcac	atccagctgg	gcacttcgtg	agagctcctt	3480
cctgccgggc	acgtgtgagt	tcagcgtggg	caagagactt	ttatgcacat	tctgtcattc	3540
aaaagggaaa	tgatgccaac	cccagatgca	gcatgtcctg	aatgaatgat	ctgtaaaata	3600
caataataaa	agcttatagt	ttgagtaga				3629

<210> 8350

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (462)...(586)

<223> similar to gi65183 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8350

atcaccatgc	agagcaagcg	cccatccaat	gctaggcgga	gccaccgtct	tttgcagaac	60
aattgtgcag	gttccaaagc	ctcggaaaac	cggagaggcg	catcttgccg	gctacgggtg	120
aaaccggttc	actgggtgat	tctgaagcta	gaagggcagc	cgaatggcct	tcccccgctc	180

ctgcccctcg	tccactgtaa	gctcaggggg	gagcgggacc	cagggaggtg	aagtgcacag	240
actcggcaga	ggcggcgggc	agaaccgcgg	gggtgagagg	gcgcggtggc	tgtggggcgg	300
gagccgctgc	tgaaggagg	cctgggttgt	tgggaggggtg	actgtccgtg	gaatctttgg	360
cggaggggtg	tttgaagaa	tggcgagggg	agagcagagg	agaaggtggg	gaccctgatc	420
gtccgccagg	ggagagtagg	ctgtgctgtc	cctcctctcc	ccttatgtgg	cgggggacat	480
acagtgggtca	ggaagggggg	tctccccgga	ggaggctagt	ccaccacact	tcggctccgc	540
tgacccctgc	gatttctcca	catgcggggc	cctcgtccgc	ggtgggtgtt	gcgctatccg	600
gcggctgggt	tcgcgcactc	actctcctga	catgccttgg	ctcaccgccc	acgcggatat	660
cgcgcgcagg	gacccttccc	gccctcctac	aaatcttgag	tgcgcttcct	tgggtgttctc	720
a						721

<210> 8351

<211> 2008

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2009)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (335)...(1572)

<223> similar to gi5360095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8351

cggaaatttcc	gggtcgacga	tttcgtcccg	gtaccgcggag	cggctctgat	tcatggttta	60
acttgtggcc	ctaaagaact	ggaaacccaa	aggaacgaat	attcctgccc	cacagagtcc	120
cgtctttggg	gaggctgttt	ctggagttaa	catgatgacc	aaggtagtag	gcatggcccc	180
agttctgggc	cctaggcctc	cacaggagca	agtggggcct	ctgatggtaa	aagtcgagga	240
gaaagaagag	aaaggcaagt	accttcctag	cctggagatg	ttccgccagc	gcttcaggca	300
gtttgggtac	catgataccc	ctggaccccg	agaggccctg	agccaaactcc	gggtgctctg	360
ctgtgagtgg	ctgaggcccc	agatccacac	caaggagcag	atcctggagc	tactgggtgct	420
ggagcagttc	ctgaccatcc	tgccccagga	gctccaggcc	tgggtgcagg	agcattgccc	480
ggagagcgct	gaagaggctg	tcactctcct	cgaagatctg	gagcgggaac	tggatgagcc	540
aggacaccag	gtctcaactc	ctccaaacga	acagaaaccg	gtgtgggaga	agatatcctc	600
ctcaggaact	gcaaaggaat	ccccgagcag	catgcagcca	cagcccttgg	agaccagtca	660
caaatacgag	tcttgggggg	ccctgtacat	ccaagagtct	ggtgaggagc	aggagtctgc	720
tcaagatcca	agaaagggtc	gagattgcag	attgagtacc	cagcacgagg	aatcagcaga	780
tgagcagaaa	ggttctgaag	cagaggggct	caaaggggat	ataatttctg	tgattatcgc	840
caataaacct	gaggccagct	tagagaggca	gtgcgtaaac	cttgaaaaatg	aaaaaggaac	900
aaaaccccct	cttcaagagg	caggctccaa	gaaaggtaga	gaatcagttc	ctactaaacc	960
taccccagga	gagagacgtt	atatatgtgc	tgaatgtggc	aaagccttta	gtaatagctc	1020
aatctcacc	aaacacagga	gaacacacac	tggggagaaa	ccttacgtgt	gcaccaagtg	1080
tgggaaagct	ttcagccaca	gtcaaaacct	caccctccac	tacagaacac	acttgggtgga	1140
cgggccctat	gactgtaagt	gtggaaaagc	ttttgggcag	agctcagacc	ttcttaaaca	1200
tcagagaatg	cacacagaag	aggcgccata	tcagtgcaaa	gattgtggca	aggctttcag	1260
cgggaaaggc	agcctcattc	gtcactatcg	gatccacact	ggggagaagc	cttatcagtg	1320

taacgaatgt	gggaagagct	tcagtcagca	tgcgggcctc	agctcccacc	agagactcca	1380
caccggagag	aagccatata	agtgtaagga	gtgtgggaaa	gccttcaacc	acagctccaa	1440
cttcaataaa	caccacagaa	tccacaccgg	ggaaaagccc	tactggtgtc	atcactgtgg	1500
aaagaccttc	tgtagcaagt	ccaatctttc	caaacatcag	cgagtccaca	ctggagaggg	1560
agaagcaccg	taactttcaa	gcgctcctgt	tggtgtcggt	gttttaaact	ttagaatctg	1620
aaaaccagaa	agaagtcttg	tcattgcagc	agcatcgatt	ccggtgatag	agtttgatc	1680
actcaacatc	aggggatgcc	tgaggagtgc	gagctccaca	gcaacatggc	aggcaggagg	1740
tcctcagaag	gtgtcaggag	gttccacact	cgccagttca	ctggagcaga	gtcccttcgc	1800
cacacttagg	gtcccaggac	atggccatag	ggtgagtctg	ttcccactgg	gcccactgag	1860
atggatttgg	gccaggactc	catttatcag	ctgacctgtg	tctggagggc	aatggntcat	1920
cactctgcta	tcttctcctg	gagtttacac	aagcccttca	gagtgtaaac	accgatgtgg	1980
attcaatccc	actttcggag	agaggatc				2008

<210> 8352

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (73)...(554)

<223> similar to gi4200249 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8352

ggaagagccg	tcaacttagc	gagcgcaaca	ggctgcccgt	gaggagctgg	agctgggtggg	60
gactgggccc	caatggacaa	gctgaagaag	gtgctgagcg	ggcaggacac	ggaggaccgg	120
agcggcctgt	ccgagggtgt	tgaggcatct	tcattaagct	ggagtaccag	gataaaaggc	180
ttcattgcgt	gttttgctat	aggaattctc	tgctcactgc	tgggtactgt	tctgtgtggg	240
gtgcccagga	agggactaca	cctcttcgca	gtgttttata	cctttggtaa	tatcgcatca	300
attgggagta	ccatcttcct	catgggacca	gtgaaacagc	tgaagcgaat	gtttgagcct	360
actcgtttga	ttgcaactat	catggtgctg	ttgtgttttg	cacttaccct	gtgttctgcc	420
ttttggtggc	ataacaaggg	acttgcactt	atcttctgca	ttttgcagtc	tttggcattg	480
acgtggtaca	gcctttcctt	cataccattt	gcaagggatg	ctgtgaagaa	gtgttttgcc	540
gtgtgtcttg	cataattcat	ggccagtttt	atgaagcttt	ggaaggcact	atggacagaa	600
gctggtggac	agttttgtaa	ctatcttcga	aacctctgtc	ttacagacat	gtgcctttta	660
tcttgccagc	atgtgttgct	tgtgattcga	acatttgagg	gttacttttg	gaagcaacaa	720
tacattctcg	aacctgaatg	tcagtagcac	aggatgagaa	gtgggttctg	tatcttgtgg	780
agtggaaatc	tcctcatgta	cctgtttcct	ctctggatgt	tgtcccactg	aattcccatg	840
aatacaaac	tattcagcaa	cagcacataa	gccttggttg	caagtgattc	ccagggtggca	900
aaaggcagcc	ccatcagaga	tcacgggagc	aacagtaagg	gacagagttt	tgggggtccac	960
ttgtccctca	gcatggaagc	catcaccgtg	gtcctgcata	gagtgaagtct	acttctactc	1020
tggcatctga	gaacaagtga	ctctgcttta	gacaagcccc	tggagagcct	ggccatggag	1080
tgaggtagaa	agaagcact	ttttggtggt	atatgctgtt	tctgaatttg	aatctaagca	1140
ttcttggtgt	tctgattctg	cgcctgactg	tggaatgtat	tttctgacat	taggtgcaga	1200
ctctttttct	cttggttttt	atttcccatc	cctccctccc	tctccctgca	tatctttctt	1260
tatgacctcc	tggcactaga	tggggaaaga	acagagcagc	agcagcagaa	aatgctgctg	1320
tttttttggg	aca					1333

<210> 8353
 <211> 1209
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (261)...(477)
 <223> similar to gil63086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8353
tttcgtggac tagtccctgg gctgcagccg ctgctacaca tactcacaac gctgccgccg      60
cgctccgtgg gcaactccta ctactgctgg gctgggctgg gctgggctgg gctgccgccg      120
agctcgcttg cacagatcag ctccggagag gggaaaacca cgctcctcgg accaagcctc      180
gggagctaag ccagatctgc cagtgagcct caggctttag gaactgaaga gtgtttctga      240
aagatctatc cagcactccg atggccagca acaacaccgc cagcatagca caagccagga      300
agctggtaga gcagcttaag atggaagcca atatcgacag gataaagggtg tccaaggcag      360
ctgcagattt gatggcctac tgtgaagcac atgccaagga agacccccctc ctgacccctg      420
ttccggcttc agaaaacccg tttagggaga agaagttttt ctgtgccatc ctttaagtct      480
ttgagagggg cctgaagagc ctccgggctc ctgggacatt gatgtagagt ttttagtgaa      540
gtgggcacct ttctagtccc cgggcatttg aaaagagcga ggagaaccat tctggaaact      600
ttaggctatg catgtttaaa gatctggtcc cctttatgag aatgcaagcc gatccccatc      660
ctgacttaag agatctgatt ctgacgaact gcctggagga ggggaatata taaaaataaa      720
attggtgtca cttctttttt gctatccccc agcccccccc ccccaaaatc ctcatgtttc      780
tgcttcatat tttgaaaaat aacaattaaa acagacagct gtactgaggt aagatatgtg      840
tgaccttctt ggaatgaata ttgtcttttag aatacccttt gataagctga gctgtcccgt      900
gtagatgcaa ttcggtttta tggcattgat gtatagtcac tgtgcctttc tttttctttc      960
ttccttctcc tctacccctc cttccacccc tccccattag agtagtgtgg agataaggct     1020
ggactggtct atcagattga actccaagaa tgatcacaca aaatgttttag ggagatgttc     1080
cccgtggtgt atcctcatgg taacaacgac aaaaaatgcc ggttgtcttt gttctctttt     1140
cactattcct aacatgggta catgatagct ttgattctgc aagtaaaagt aaatcctgtg     1200
ttgtgaaaa

```

<210> 8354
 <211> 1699
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (20)...(1398)
 <223> similar to gi5714737 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8354
gctgcggggcc ggtgaagata tggcggcgctc tgcgtctgca gctgcagggg aggaggactg      60
ggtccttccc tctgaagttg aagtattgga gtccatctat ctagatgaac tacagggtgat      120
taaaggaaat ggcagaactt caccatggga gatctacatc actttgcatc ctgccactgc      180
agaggaccag gattcacagt atgtctgctt cactctgggtg cttcagggtcc cagcagagta      240
tccccatgag gtgccacaga tctctatccg aaatccccga ggactttcag atgaacagat      300
ccacacgata ttacagggtgc tgggccacgt ggccaaggct gggctgggca ctgccatgct      360
gtatgaactc attgagaaag ggaaggaaat tctcacagat aacaacatcc ctcatggcca      420
gtgtgtcatc tgctctatg gtttccagga gaaggaggcc tttacaaaaa caccctgtta      480
ccactacttc cactgccact gccttgctcg gtacatccag cacatggagc aagagctgaa      540
ggcacaagga caggagcagg aacaggaacg gcagcatgct acaaccaaac agaaggcagt      600
cgggtgtcag tgtccagtgt gcagagagcc cctcgtgtat gatcttgctt cactgaaagc      660
agcccctgaa ccccaacagc ccatggagct gtaccagccc agtgcagaga gcttgcgcca      720
gcaagaagaa cgcaagcggc tctaccagag gcagcaggag cgggggggaa tcattgacct      780
tgaggctgag cgaaaccgat acttcacag ccttcagcag cctcctgccc ctgcggaacc      840
tgagtcagct gtagatgtct ccaaaggatc ccaaccaccc agcacccttg cagcagaact      900
atccacctca ccagccgtcc aatccacttt gccacctcct ctgcctgtgg cgaccagca      960
catatgtgag aagattccag ggaccaggtc aaatcagcaa aggttgggcg aaaccagaa     1020
agctatgcta gatcccccca agcccagtcg aggtccctgg cgacagcccg aacggaggca     1080
cccaaaggga ggggagtgcc acgcccctaa aggtaccogt gacacccagg aactgccacc     1140
tcttgagggg cccctcaagg agcccatgga cctaaagcca gaacccata gccaggagt     1200
tgaaggtcct ccacaagaga aggggcctgg cagctggcag gggcccccac cccgcaggac     1260
tcgggactgt gttcgctggg agcgctctaa aggcgggaca ccgggttctt cctaccctcg     1320
cctgcctcgg ggccaggagg cataccggcc tggtaactcg agggagtccc tgggcctgga     1380
atctaaggat ggttcctagc aggacttggg ggggggaaca ggggaattggg gatgggaggg     1440
aggcaataaa gatatttggc cttctttggc tttctttgct tagcagcgcc tagcctgtga     1500
ggaatggctc tttttctcaa ttcctaataa gattgggggtg tggcagagca gcccccaact     1560
ttgctctgaa gtctgttctc cgaagagctg ggtaaagagg gtctgacatc tcatcagcta     1620
gtatagttag tttcagggaa aactattggg atgtctgcat gtaagcagag tccttaggac     1680
ccaccgttaa caactcatt

```

```

<210> 8355
<211> 1545
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1279)...(718)
<223> similar to gi33969 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8355
ggtcgacttt tttctttctc ctctttttga gacggtctca ctctgtcacc caagctggag      60
ttgcagtggc gtgatctcca ctactgtag cctctgcctc agttcaagcg attctcctgc      120
ctcagcctga gtagctggga ctacagtggg gcgcctggct aatttttgta tttttagtaa      180
agacagggtc tcacgctggt ggaccaggct ggtctcgaac tcctggcctc aagtgatcca      240
cccaccttgc tcagctccc aaagtgcctg gattacaggc ctgagccacc gtgccgggcc      300
atggtgcttt tataattgag atatttcatt tgttttgggg gttaggcaaa tttaatttgc      360

```

cattcctcaa	actcagtaac	ttcaaatata	aacaatgcct	agaatgaata	tggttcctca	420
ttatttctat	caaactacta	caaatactga	agaatcccaa	agtagttttc	cacagaggca	480
gaaaagcagt	tcaggggttg	aaaatcttca	atattaataa	gccctgggac	attcaaattg	540
cacttcatat	ttcaaggtaa	tgcaatatga	atcataattc	attatatatt	gtccccaaga	600
gttacttcaa	ttccgtattc	accagttctt	acgatttggg	aaaaaaaaact	tgaatgtttc	660
cagatgaaat	gtaatcccca	agccttgtgt	gtcaacattc	tagtgaatct	ctattttaa	720
gagaggcgct	ccaaaacact	tcttgcacca	ctcgacactg	gcacttgggtg	gagcatcaat	780
tttctgcaac	ctttcaagaa	tctctgaaga	cagactattg	tatgcaattc	catattcatt	840
gtcaaatgcc	tcaatatcaa	tattctctct	tcctagagac	actaatgata	agaagaggat	900
ttctctgtat	aaactccttt	gtcttttcat	gcctggcctc	atttgctgtg	aaagtaggtt	960
gatgggttta	agaacattat	tgtgctgaat	actctgcctg	atggtttcta	ctaaagtgtc	1020
tgtttcttgt	tgttcctctg	acaggagaga	tgatttcttt	tcagaattaa	aattcctcca	1080
tgagacatac	agaggttctc	ttggttcctg	atgaagggtg	atattatccc	ataacagctg	1140
aatatacaca	agtttgctat	cctgggacag	agatgacaga	ggaagctgta	caccttcatt	1200
acaatgttca	gatgtgagga	taagtcctgg	caagttacta	ggaaggtcca	aacgtctgaa	1260
ataccaaacg	aggggtccaga	aaatgattgg	atgttgattg	atgaaagaag	atgtatgaat	1320
cacctgatca	ccttcatttt	ctagcaaaaga	ttcaagttct	ttacggagta	ctagaggact	1380
caagtagggc	acagaaacag	gggagcagtg	ggtctttgtc	gtaaagcatc	agcatcttcc	1440
cgcacactac	gtggtagact	gacggccagg	atgccatgta	tcggtcgctg	gatagagtca	1500
atattctgca	gcgggcctgc	gtcactgtgc	gtacgtgttg	ttcag		1545

<210> 8356

<211> 1295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (256)...(837)

<223> similar to gi5138930 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8356

ggaaataaccg	cggcgcggac	ggtagttgct	gtggtttccg	ttctgagctc	gcagcttagg	60
agctgaagat	cgcggactta	gcgttgccgc	gtccgagtcc	ggccatcagt	ggctgcagat	120
ccggaggcca	ggagctcaac	cacccttctt	cggaacaggg	ccggcctgct	gctgtgccct	180
cgacgctcgg	tgctgtatc	tactccgggg	cctaggtcgg	ctccgggggc	ggcttaggag	240
aaggccgccc	gcgagatgtt	caaaaacacg	ttccagagcg	gcttcctctc	catcctctac	300
agcatcggca	gcaagcctct	gcaaatctgg	gacaaaaagg	tacggaatgg	ccacatcaaa	360
agaatcactg	ataatgacat	ccagtccttg	gtgctagaga	ttgaaggac	aaatgtaagc	420
accacatata	tcacatgccc	tgacagcccc	aagaagacgc	tggaattaa	acttcctttc	480
cttgtcatga	ttatcaaaaa	cctgaagaag	tattttacct	tcgaagtgca	ggtactagat	540
gacaagaatg	tgctgcgtcg	ctttcgggca	agtaactacc	agagcaccac	ccgggtcaaa	600
cccttcatct	gcacatgcc	catgcggctg	gatgacggct	ggaaccagat	tcagttcaac	660
ttgctagact	tcacacggcg	agcatacggc	accaattaca	tcgagaccct	cagagtgcag	720
atccatgcaa	attgtcgcac	ccgacgggtt	tacttctcag	acagactcta	ctcagaagat	780
gagctgccgg	cagagttcaa	actgtatctc	ccagttcaga	acaaggcaaa	gcaataactg	840
gaattgtgac	tcgagggata	gacccttggg	tgtgactctt	ctttttaaaa	ggaaactatg	900
tggaggacga	tgcaaaaaaca	tatttatctt	agtttgcctt	gcctgtagtt	ctgttattta	960
tacttggtgt	tgcccttgta	tggacaccgg	tgaacatgcc	cgtaactctg	tgactgccat	1020

tgtaagtgcc	agtgggggta	agccagtcct	gtgagtggcg	catgaaacgc	tgagagcttat	1080
tccgccgccc	tgccccccag	tgtgggggga	gatacctttt	accatgaact	tacagaatta	1140
aagatggccc	ataaaggaat	tcccagaacc	aatatttctt	cctgcgggtt	tattctatgt	1200
tttatatatt	atctaaatat	atgtatatgc	tgtgtcatac	tcataatcgt	ggaaatgaat	1260
aaaagtgaat	atattcctgg	tttgtaaaaa	aaaaa			1295

<210> 8357

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (131)...(374)

<223> similar to gi4191358 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8357

tctgcctctg	accctccttc	tcgctgctcc	ctttgcccac	ctgctcctcc	cacctggcca	60
tgaccaaagc	ccgtgctggc	accctggccc	agctctgagt	cctggggacc	tcggctcctc	120
ctcctggggc	atggccaact	caggcctcca	gctcctgggc	tacttcttgg	ccctgggtgg	180
ctgggtgggc	atcattgcta	gcacagccct	gccacagtgg	aagcagtctt	cctacgcagg	240
cgacgccagc	atccagctga	ggtccaaggt	ctttgtccta	gaatcagagt	ggggagggga	300
cagcctgggg	ctgcccagag	actgtgggtg	gagctgcctg	ctgcaactcag	cagtgcggtc	360
agagaagggc	ttttggtctt	gaagtccagg	taccatcccc	ccttagcata	cagggggaag	420
ggcctgagag	gaatgtaagg	aaaccagccc	agatcagtcc	caaggccaga	gtcctttgtc	480
ctacatctcc	ctgaaccaga	gtgtgcctcg	cccctcatgc	tcagacctct	cccaccccaa	540
accctctccc	gggactcagt	ctccctggcc	actgcgtatc	aggcttctgg	ggaaagcatc	600
catcacagaa	cctccccttc	cctgccacgc	accttccttg	gccagctcca	ttctggcctc	660
ctccaccacc	tgcttgtga	ccacatctcc	caccacgtcc	ccagatctca	agaacgcagc	720
tcagcttctc	cttcgagctt	gactcttaag	agggaaaagt	gacggaaacc	aattcagatg	780
aag						783

<210> 8358

<211> 1325

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1111)...(761)

<223> similar to gi2911066 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8358
cgtccaaagg agttttattg gggagagcca cgagggtttt ccgatccagc ccggttaaaa      60
ccccgcccc gtatttgttt tgttgggccc cctttaaaaa atatttacgt cgcactcccc      120
cggtttggtta actgttctcc ctatagccgg ccccccttt ttttttttg agacagggcc      180
tactctgtc acccaggctg gagtggaaatg gcctgatcac cgctccactg cagcctaaat      240
cccctgggct caagtgatcc tcccacctca gtctcccag tagctgggac tacaggcact      300
taccaccact ccacgcta at ttttactgtt tttatagaga cgagggtctcg ccatgttgcc      360
caggatggtc ttaagctcct ggccctcaagt gatcctccca tcttggtctt ccaaagtgtc      420
aggattacag gtgtgagcca cctgtagacc ccagatctgt cccccaagga cactcaacat      480
gctggggcct gtgttatcga tttattgcag ctccaatatg agtccactcc tactcaaacc      540
ctgattctca ggggcctggg gaaggccacc ccactagggg ccctgtcccc accagagcct      600
ggacatggga ctctctccca agcaggggtg ttgtccttca caggggcttc caggtctctc      660
ccgggcctgt ccgcactctg ggcagggctg gcacctggct attccctcaa tctgggccct      720
ggggccatgg caatgtggaa tgggtccagg gtcatgtca gtggggcttg gggacatggc      780
catccacgta gaagtctctg gtgatcttgg gcagggtgaa ttccgctcct tccagctccg      840
gtgtcagcac aatctggcag cccagccggc agttctcctg gagggagggg gccatgtcta      900
gcattgtctc ttccctctcc tcgggaggag gcaggagatc cagggtggtc tctactacat      960
acacatggca ggtggagcag gccagggagg ctccacaggc cccttccagg tccaccccg      1020
ggcgtggggc cagggtgaaga acattgtccc cgactctgcc actcactggg atccgctggc      1080
ctgagcggtc tacgaacacc acgttcacca cgtccccggg ccgctccggg ccgcccgcgt      1140
cctctctctc agccgggcgc gagcctgtcg cttgaaactt tctggttgtc cccagcgcca      1200
ccccctcccc cgaccgggaa gtgccccag gtctgttcca ccagggtgcc ctggcagcct      1260
gcagcagaac cctggcactc acgcctcccc gggccatgga ggcggccatg acatgcatca      1320
cgtga
1325

```

<210> 8359

<211> 867

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (765)...(90)

<223> similar to gi3550427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8359
tttttttttt ttccaaatac tgtttacttc actaaaacct ggagtgaggc agggaaaagg      60
tacatcaatg tctgagacac caagcctagg agtgcacatt gacaacggcg acatacaggg      120
ccaaagtgtc gagggccagc agccccgtta ccaactgctcg ggccagtaga gctgcccaac      180
tgcccagcga gcagagggtg acgaaggctc ccataacaaa ggccctttag acactgagga      240
acatcagcag gaggacagct ggccggaagg tgtgttacag atcatagcgt gttatcatcc      300
agacctgagc agacgcgacg atgtaatgga ccagactgat gttggagtct atgctcatct      360
ggatgtactt ccagtcaaac tcaatgcccc gggctccgac ccatagggga atgcagcggg      420
acataataag ctcagcagtg gccagcccca gggcagcaac catgatcttg tactctccct      480
tgccggcatt ccgggacatg acaaggttta gacctatcag gtctgccaca tccacgttgg      540
ccttcataga ctccccaatg aagtcataga tgccgccttc ccagggtgga aagaaagtgg      600
ccaagaacag catcttgca agttggacaa agaggtaggt gactccagcc tggacgcatt      660
tccagaaggc gttgtactcg gacaggccgc tgcacttgta ggtgatgaag taggggaagt      720

```

aggcaagagc	gaagcagttc	ccgaagtga	acaggggtcat	gatgccggcc	gcccgggtccc	780
gcccgcgcgg	ggatcgcgag	gcggcgctctc	cgggagcggg	tctccggctc	cgccggctct	840
ttcgccacgg	ccagggcctg	gcacca				867

<210> 8360
 <211> 2645
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2646)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (447)...(1139)
 <223> similar to gi407421 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8360						
tttttttttt	ttgactgaac	taagtggctt	ttttattaga	gaaagccaga	attacaaaag	60
acttaagagt	tggcattggg	gcccttcttc	ttgccaaagg	tgggcacaac	gttgacaaag	120
cgccggttgt	actgcatccg	cgcttagcc	cgacctgtct	tcttctctct	cttctcctgt	180
ttggccacct	taggagtctg	acctctcact	tttccagcac	gggccaggga	accatggact	240
ttacctccaa	gcatgcggcc	tgctacttcc	agggtagtca	gggcctccac	cccgcactgg	300
cccagagtgg	cctcatcttc	caggggcgcg	cctgccagga	gcacgacttg	atcttccggg	360
gcaatgccct	ccagtgaggc	tacatgagcc	ttgatctggg	cgaccgtttc	ctggccgggtg	420
ctggaaaagt	gacaggtcgg	gctaagcggc	ggatgcagta	caaccggcgc	tttgtcaacg	480
ttgtgcccac	ctttggcaag	aagaagggca	ccacgttcac	caagatcttc	gtgggcggcc	540
tgccgtacca	cactaccgac	gcctcgctca	ggaagtactt	cgagggtctc	ggcgacatcg	600
aggaggccgt	ggcatcacc	gaccgccaga	cgggcaagtc	ccgcggctac	ggcttcgtga	660
ccatggccga	ccgggcggca	gctgagaggg	cttgcaaaga	cccgaacccc	atcatcgacg	720
gccgcaaggc	caacgtgaac	ctggcatatc	tgggcgcca	gccgcggagc	ctccagacgg	780
gctttgccat	tggggtgcag	cagctgcacc	ccaccttgat	ccagcggact	tacgggctga	840
ccccgcacta	catctaccca	ccagccatcg	tgagccccag	cgtggtgatc	ccagccgccc	900
ctgtcccgtc	gctgtcctcg	ccctacattg	agtacacgcc	ggccagcccg	gcctacgccc	960
agtaccacc	ggccacctat	gaccagtacc	catacgccgc	ctcgcttgcc	acggctgcca	1020
gcttcgtggg	ctacagctac	cctgccgcgc	tgccccaggc	cctctcagcc	gcagcaccgc	1080
cgggcaccac	tttcgtgcag	taccaggcgc	cgcagctgca	gcctgacagg	atgcagtga	1140
gggcgttcct	gccccgagga	ctgtggcatt	gtcaccttca	cagcagacag	agctgccagg	1200
ccatgatggg	ctggcgacag	cccggctgag	cttcagtga	gtgccaccag	caccctgtgc	1260
tccgaagacc	gctcgggcat	tccgcctgcg	ccctgggaca	gcgagagagc	ggcttctctt	1320
taatctaggt	cccatttgtg	cttgagggag	gactttaaga	atgactgaga	actatttaaa	1380
gacgcaatcc	caggttcctt	gcacaccatg	gcagcctctc	cttgacctt	ctcctgcctc	1440
tccacactcc	aggttccctc	aggcttgtgt	ccccactgct	gcacgtggc	ggggtgtcac	1500
agaccctctg	cagccccctg	ctgccctgga	ctgtgcagag	atgcctgact	ccagggaac	1560
ctgaaagcaa	gaagttaatg	gactgtttat	tgtaacttga	tcctcccag	ctgtgagcgc	1620
agtctgaggt	gtgaggacac	ggcctcctgt	tggagtccca	tttctccat	cagggcacgt	1680
gggcggcttc	ctcaagccc	gaggagctcc	caggcgcaca	ggggccgcgc	gtaacagggg	1740

ccgccggcca	aaggccccctt	tccagtcata	gcactgaagt	tgcaactttt	ttcttgtaat	1800
tgttttgcta	ctaagataat	ttcagaagtt	cagtctattt	tttcagcgga	tactgccgcc	1860
accaagaatc	caaaacctat	ttttgacttg	gagagacttg	cttttgttgg	ttccgcccgt	1920
ggagacgacg	atagtgtttc	tgtataataa	agtgtctgcc	ggctcgcggg	ccaggatcct	1980
ctcgggtggga	tgggcaccac	agacaggagg	cccctcaggc	ccgtcgcggg	cactgtctgc	2040
tgccgcctgc	cggggtggca	gagtgaagttg	tctcaggacc	ccgtcactgc	gacgttgaca	2100
ctcctctccc	ttcccttcct	ccccaaactcc	ccaaacactg	tgggaagggga	gaaggaagtg	2160
atccacagca	ttcaggccac	ttggggtcta	gaccatggtg	gtgccagcct	ggggggggca	2220
gtggccctca	gctctgcccg	ctggagcggt	tgagtgcaga	aggggtgcgc	tcttccctct	2280
acccccgcac	cacctggctg	ttgtgccaaag	cctgagacgg	tttccttgcc	tgtcttgggg	2340
gttggtggag	ggtggaggcc	agtttcttcc	caaccctggg	cagggtgct	aatggggcat	2400
cccaagggct	gttgggggtc	tgggaaggagg	ggacattaaa	ggtagagggt	atccctggcc	2460
gagggcgggg	ggacagcgng	ggggtctccc	cctccggacc	tacctcaggg	agctgagcgt	2520
gcaggcgctc	ccagggcagg	cctgggacag	agtcaaggct	cagagaataa	aggtagctaa	2580
tctcatcata	atatttttat	tagaatgttc	tgatgataaa	aataaaaactt	gttttcttta	2640
aagaa						2645

<210> 8361

<211> 1227

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (443)...(41)

<223> similar to gi4884166 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8361

tttttttttt	ttgagcagac	aaatctttat	tcttgaggct	aaaatatgca	ccagttccct	60
ccctgtaccg	cgccactgcc	agcctgactg	catgcaggcc	ctgtcccaga	cctggagcgc	120
tgaacttggga	gtcccaggac	ctccttcctt	gagttgtgtg	tgtgtacatg	gaggggactc	180
ctgggtagca	cctggaggcg	gcctaggggt	gaggggcttc	tcaagggtgc	cctgcacctc	240
cagaggtgca	gtcttgggca	ggatgtagca	tgttcagagt	ctggtgaccg	aaacagggct	300
gtcggggaca	ggcctcgggt	gttggagggc	aaaggtgaca	gcatcatgga	cagaggcaaa	360
gagatgcttc	ttggtgatgg	atgcatcgaa	gaagtgccca	gcctcaagct	ggctgaccac	420
agggctgtgg	caggccgcca	tgtacacctc	cacctcaatc	tcccgggaagt	catggaaaat	480
attcttcagg	ctcttgaggc	acacagtgtc	cacaaaggag	agggcaccca	ggtccaggat	540
gaggctgtgg	aagtctggct	gaggcaggcc	cagggccttc	agtgtggacc	catctggggc	600
cttgagagtct	tcttgaccat	tggctgttgc	atcttccatc	ttatctcctg	agctcacctg	660
catcatcttg	cagtcctcaa	cgttggttgc	cctcatgtct	tcaaggctgg	tgttgacatt	720
aatggaaact	gaggcgccct	tgggggaggc	agcctgtttc	cgaagcttct	cctctttctg	780
cagttgcttc	agcttcagct	gctcctgctt	cttgagcagt	ttcttcttct	gggagatgag	840
gaagtgcaca	tccacaccac	acctctgctt	cagcgcatca	ctgtagaact	cagcattggc	900
aaagtacacg	gtggccgagg	agcgggaagac	cttcaccccc	cggacttccct	tggcctctga	960
gtactctgcc	acatctctgt	aaatatccgt	gtctggcacc	tgccccagga	cagagtagtg	1020
gggcatctgt	gtccggacca	ccacgagcag	cagggagaag	atgaccgcaa	ccaccaagcc	1080
aaggtccagg	ttcagcaaga	tgggtggcgt	gaaggtcacc	agccagataa	gcagatccgc	1140
cagattggcc	ttccagaggg	agcgcatgtc	gctgagctgc	ctcagcatgc	ccttcagggtt	1200
cacaatgatg	atggctgcca	ggaccgc				1227

<210> 8362
 <211> 1788
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (168)...(1260)
 <223> similar to gi5882255 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8362
 tcctcttgtc ccggaatgag catgcctgcc ctttgcaagc aggtttgggt ctcacgcaga 60
 ggaaaccaa agcaataaga gggaggggaag gcagagcaac caatcaaggg caggggtgaga 120
 ctcaaaacga gcggggtccc tggggagcca gacagaggct ggggggtgat gcggagctac 180
 agcagctgca ggagtttgag atccccactg gccgggaggc tctgaggggc aaccacagtg 240
 ccctgctgcg ggtcgctgac tactgcgagg acaactatgt gcaggccaca gacaagcgga 300
 aggcgctgga ggagaccatg gccttcacta cccaggcact ggccagcgtg gcctaccagg 360
 tgggcaacct ggccgggcac actctgcgca tgttggacct gcagggggcc gccctgcggc 420
 aggtggaagc ccgtgtaagc acgctgggccc agatggtgaa catgcatatg gagaagggtg 480
 cccgaaggga gatcggcacc ttagccactg tccagcggct gccccccggc cagaagggtca 540
 tcgccccaga gaacctaccc cctctcacgc cctactgcag gagaccctc aactttggct 600
 gcctggacga cattggccat gggatcaagg acctcagcac gcagctgtca agaacaggca 660
 ccctgtctcg aaagagcatc aaggccccctg ccacaccgcg ctcgcccacc ttggggagac 720
 caccceggat tcccagacca gtgcacctgc cgggtggtgcc cgacggcaga ctctccgccg 780
 cctcctctgc gtcttccctg gctcggcccg gcagcgccga aggtgtcggg ggggccccca 840
 cgcccaaggg gcaggcagca cctccagccc cacctctccc cagtccttg gaccacctc 900
 ctccaccagc agccgtcgag gtgttccagc ggcctccac gctggaggag ttgtccccac 960
 cccaccgga cgaagagctg cccctgccac tggacctgcc tcctcctcca cccctggatg 1020
 gagatgaatt ggggctgcct ccacccccac caggatttgg gcctgatgag cccagctggg 1080
 tgctgcctc atacttggag aaagtgggtga cactgtacct atacaccagc cagaaggaca 1140
 atgagctctc cttctctgag ggcactgtca tctgtgtcac tcgcccgtac tccgatggct 1200
 ggtgcgaggg cgtcagctca gaggggactg gattcttccc tgggaactat gtggagccca 1260
 gctgctgaca gcccagggtc ctctgggcag ctgatgtctg cactgagtgg gtttcatgag 1320
 ccccaagcca aaaccagctc cagtcacagc tggactgggt ctgcccacct cttgggctgt 1380
 gagctgtgtt ctgtccttcc tcccatcgga gggagaaggg gtccctgggga gagagaattt 1440
 atccagaggc ctgctgcaga tggggaagag ctggaaacca agaagtttgt caacagagga 1500
 cccctactcc atgcaggaca ggggtctcctg ctgcaagtcc caactttgaa taaaacagat 1560
 gatgtcctgt gactgcccc aagagataag gggccaggag ggattgaaag gcatcccagt 1620
 tctaaggctg ctgctaatta cagcccccaa cctccaaccc accagctgac ctagaagcag 1680
 catcttccca ttctctcagt acccacaagg tgcagccac attggacccc agacaccctt 1740
 ctgcagccat tgactgcaac ttgttctttt gccattgaa aaaaaaaa 1788

<210> 8363
 <211> 895


```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (227)...(591)
<223> similar to gi5262481 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8363
ggggggggagc ggggaaaaca aaaggagacg aaggacgcat gcgttttggtg agtcccggat      60
tctggtgggt tcttccgctc aggctgggtg aagcgcttcc gggtcgccgc cggcagcagc      120
ctcccggcgc gatgaagaca ctgaggctca gagaggtaa gtgactcagc caaggtcaaa      180
cagctagtaa gtggtggagc caggactcaa agccagtcta ggagccatgt ccactttggt      240
ccctcactc ttccctcgtg tgactgagac tctgtggttt aatctggatc gaccctgtgt      300
ggaagagaca gagctgcagc agcaggaaca gcagcatcag gcctggctcc aaagcatcgc      360
ggagaaagac aacaacctgg ttctatttgg caagccagcc tcagagcact atgatgacga      420
ggaagaagag gatgatgaag atgatgagga tagtgaagag gactcagagg atgatgagga      480
tatgcaggac atggacgaga tgaatgacta caatgagtca ccggatgatg gagaggtaa      540
tgaggtggac atggaaggca acgaacagga tcaggaccag tggatgatct aggtagacaa      600
ggcaggggtg cctcaggagg attccaggcc agcccaaact accctgcac ccaacccccca      660
acccctgccc acagaaccag ctgatggccc cagtgcctga aagtgcctt gggcacctcc      720
tcagctgctg ccaggatctg gtctcttttg cccctcccag gccatcagtc tgcacttgaa      780
atccccaggg cctgaaacct actccacctt cctggccagt acctcacccc ttgattgcca      840
ggtctggtct aagtttcttt aataaagaca aaggagtgat tttcaaaaa aaaaa      895

```

```

<210> 8364
<211> 630
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (38)...(413)
<223> similar to gi791053 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8364
cagccggcag gacgctgtga gttggcgtgc tagtgggatg gcagatgagg aagaagaccc      60
cacgtttgag gaagaaaatg aagaaattgg aggaggtgca gaaggtggac agggtaaaag      120
aaagagactt ttttctaaag aattgcgatg tatgatgtat ggctttgggg atgaccagaa      180
tccttatact gagtcagtgg atattcttga agatcttgtc atagagttaa tcaactgaaat      240
gactcacaag gcaatgtcaa ttggaagaca aggtcgagta caagttgaag atatcgtctt      300
cttgattcga aaggacccaa ggaagtttgc caggggttaa gacttgctta ctatgaatga      360
agaattgaaa cgagctagaa aagcatttga tgaagcaa atattgtata ttttctaaag      420
gtagtttccg aaaattacca tctggggaaa ccatatataa taattgtata ttttctaaag      480
taagattctg atatctagcc atgtaaatga aagatggaga aacacaaaagt tttcagcctt      540

```

tat	tttttatg	cct	ttgattt	tag	gtgata	ttg	gtgcatg	ta	attgcctg	cct	tttatatt	600
acc	atacttg	aatt	acttac	tgg	gttttaa							630

```

<210> 8365
<211> 2285
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (198)...(1751)
<223> similar to gi35869 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8365													
aga	agcgtac	acc	gagtagc	ttg	agcgcct	ctt	ccggtta	cct	tttccca	gtg	ccagagg	60	
cgc	ctaggg	tgg	gtcctc	gct	caggcac	aga	gacccga	cac	cgagcgg	cgg	cttcccc	120	
ggg	atcgagg	gac	gcgcacg	cc	agaggaga	cg	aaaggaac	ccg	ggtcgga	cc	agatcgga	180	
acc	actgacc	att	gccc	atg	gcggccctag	gcc	ctagcag	cc	agaatgtc	act	gaatac	240	
tcg	ttcgagt	tc	ctaagaat	aca	accaaaa	aat	ataacat	cat	ggctttt	aat	gcagccg	300	
ac	aaagtcaa	ctt	tgtctacg	tgg	aatcagg	ctc	ggctgga	gcg	ggacttg	ag	caacaaga	360	
aa	atctacca	ag	aggaggag	at	gcccgaat	cg	ggcgcg	cag	tgagttc	a	accgcaagc	420	
tt	cgaggagga	gg	ctcgag	ag	aaagtacg	g	catcgctc	ca	aggagttc	c	ggcccagg	480	
acc	agccctg	g	ctgctccg	gt	caacggca	aat	caggcag	ga	agttcaag	gg	catcaaga	540	
agg	gaggcgt	a	acagagaac	a	cgctcctact	a	catcttcac	cc	agtgc	g	acggggcct	600	
tc	gaggcctt	c	cccg	tg	cac	a	actggtaca	att	tcacacc	g	ctggccc	660	
t	cactgccga	g	gaggccgag	g	aggagtg	g	agaggaggaa	ca	aggtgctg	a	accacttca	720	
g	catcatgca	g	cagcg	cg	g	ct	caaggatc	a	ggaccagga	c	gaggatgag	780	
aga	aacgtgg	cc	gcaggaag	g	cgagcgagc	t	gcgc	atcca	cg	acctggag	g	acgacctgg	840
ag	atgtcgtc	cg	atgccagt	gat	gccagtg	gt	gaggagg	gg	gcagagtc	cc	caaggcca	900	
aga	agaaggc	g	ccgctggcc	a	agggcg	g	g	g	g	g	g	960	
ac	gagccctt	cg	aggacagc	gat	gatggg	a	cttcgagg	cc	aagaggtg	g	actacatgt	1020	
c	agacggctc	c	agtagctcc	ca	agaagagc	ct	gagagcaa	gg	ccaaggcg	cc	gcagcagg	1080	
agg	agggggcc	ca	aggggtgtc	gat	gagcaga	g	cgacagtag	t	gaggagagt	g	aggagaga	1140	
ag	ccgcctga	g	gaggacaag	g	aggaggagg	a	ggagaagaa	gg	cacccacc	cc	gcaggaga	1200	
aga	agcgag	g	aaagacagc	a	gcgaggagt	c	ggacagctc	a	gaggagagc	g	acattgaca	1260	
g	cgaggcctc	c	tcagccttc	t	tcatggcga	a	gaagaagac	g	ccacccaag	a	gagagcgga	1320	
ag	ccgtcg	g	aggagctca	a	ggggcaaca	g	ccgcccagg	c	acgcccagc	g	cagaggggtg	1380	
g	cagcacctc	c	tccaccctg	c	gggcggctg	c	cagcaaa	c	gagcaagg	a	agcgggtga	1440	
g	cagatgcc	t	gcagccaag	c	gggtgcggc	t	ggacacggg	a	ccccagagc	c	tgtctggga	1500	
ag	tcgacacc	cc	agccacca	t	caggcaaga	ca	acacccaa	c	agcggcgac	g	tgcaggtga	1560	
c	tgaggatgc	c	gtgcgccc	t	acctgacac	g	gaagcccat	g	accactaag	g	acctgctga	1620	
a	aaagtcca	g	accaagaag	a	cagggctga	g	cagcgagca	g	acagtgaac	g	tgttgccc	1680	
a	gatcctcaa	g	cgactcaac	c	ccgagcgca	a	gatgatcaa	c	gacaaaatg	c	acttctccc	1740	
t	caaggagt	g	aggcttgg	t	c	a	atacatgg	c	tctgcccc	c	agaacttaa	1800	
g	cccccttc	c	catcctag	a	tgaggctctg	t	ccaatacat	g	ggtctgccc	t	ccagaactt	1860	
c	aggctctca	g	tgacccttc	g	acatcctgc	t	tgtctccctg	a	ctcccagg	c	ccccgtagtt	1920	
a	gcaattctg	g	aaaagttaa	g	ccatctcct	c	ctctggccc	t	tccttctgg	a	atcttcaga	1980	
t	gctgttag	g	octtcttat	t	gtcctcctc	c	ctcctggctc	g	gcctccctc	a	actgacca	2040	
a	gggcctgtg	c	tgc	ccactg	g	g	taacttct	a	cagttctec	c	ttccacttc	2100	

tcttcagctg	tgacttatcc	accacatagc	ccagtaagtc	ttcagttttg	gctgggcatg	2160
atggtgagcg	cctgcagtcc	cagctacttg	ggaggctaag	cccagttcaa	ggctgcagtg	2220
aactatgatg	gtgccactgc	attccagcct	gggtgacaga	atgaaatcct	ggcacaaaaa	2280
aaaaa						2285

<210> 8366
 <211> 1622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(1129)
 <223> similar to gi4416074 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8366						
cccacgcgtc	cggacgaagg	actggaaggt	ggcggtggtg	aaggtgcagg	ccgttggggc	60
ggctcaaagg	caggtgacta	tgaaaggctt	atattttcaa	cagagttcca	cagatgaaga	120
aataacattt	gtattttcaag	aaaaggaaga	tcttcctggt	acagaggata	actttgtgaa	180
acttcaagtt	aaagcttggt	ctctgagcca	gataaaataca	aagcttcttg	cagaaatgaa	240
gatgaaaaag	gattttatttc	ctggtgggag	agaaattgct	ggaattgtat	tagatgttgg	300
aagcaaggta	tcattctttc	aaccagatga	tgaagtagtt	ggaattttgc	ccctggactc	360
tgaagaccct	ggactttgtg	aagttgttag	agtacatgag	cattacttgg	ttcataaacc	420
agaaaaggtc	acatggacgg	aagcagcagg	aagcattcgg	gatggagtgc	gtgcctatac	480
agctctgcat	tatctttctc	atctctctcc	tggaaaatca	gtgctgataa	tggatggagc	540
aagtgcattt	ggtacaatag	ctattcagtt	agcacatcat	agaggagcca	aagtgatttc	600
aacagcatgc	agccttgaag	ataagcagtg	ccttgaaaga	ttcagacctc	ccatagcccc	660
agtgattgat	gtatctaatt	ggaaagttca	tgttgctgaa	agctgtttgg	aagaaacagg	720
tggcctggga	gtagatattg	tcctagatgc	tggagtgaga	ttatatagta	aagatgatga	780
accagctgta	aaactacaac	tactaccaca	taaacatgat	atcatcacac	ttcttggtgt	840
tggaggccac	tgggtaacaa	cagaagaaaa	ccttcagttg	gacccctccag	atagccactg	900
ccttttccctc	aagggagcaa	cgttagcttt	cctgaatgat	gaagtttggg	atttgtcaaa	960
tgtacaacag	ggaaaatata	tttgtatctt	aaaggatgtg	atggagaagt	tatcaactgg	1020
tgttttcaga	cctcagttgg	atgaacccat	tccactgtat	gaggcaaaaag	tttccatgga	1080
agctgttcag	aaaaatcaag	gaagaaaaaa	gcaagttggt	caattttaat	tttcttcttt	1140
ctcagacctc	agtcggatga	acatattcca	gtattttgaag	ccagaatttt	ctttggaaat	1200
tggttgagaaa	aaccaaggaa	gataaaacaa	gttgcatttt	taagcacggt	tcccctgcta	1260
agacaagatg	cctcagttga	cacatttgaa	aagtgtttga	aaaattcctt	gtgcaaataa	1320
tcaagataat	tctataatta	acatcttaag	ggaatttttc	taaaaacctt	ttcattgttt	1380
ctatatatatt	tgccccctgct	ataaaattcc	ttccatgaag	aaaactgctg	ctttcagcaa	1440
aagtcacact	actcttgata	aaagctgttg	caggcctctg	ctaagctatc	aaagtaacgt	1500
attaattttg	tattcaactc	ccgttctcaa	caccttcatt	aagtctttgc	tgtcataatt	1560
taagcatttg	agtatatattt	gaagtcttaa	aagacttagc	ccataggccc	ttaaaaaaaa	1620
aa						1622

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<210> 8367
<211> 2309
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (96)...(1679)
<223> similar to gil228085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8367
ctggaccgat ccgcaattcc aggatcgacg atttcgtggg tggagaccca cgagccgagg      60
cctcctgcag tgttctgcac agcaaaccgc acgctatggc tgacagccgg gatcccgccca    120
gcgaccagat gcagcactgg aaggagcagc gggccgcgca gaaagctgat gtcctgacca    180
ctggagctgg taaccagta ggagacaaac ttaatgttat tacagtaggg ccccggtgggc    240
cccttcttgt tcaggatgtg gttttcactg atgaaatggc tcattttgac cgagagagaa    300
ttcctgagag agttgtgcat gctaaaggag caggggcctt tggctacttt gaggtcacac    360
atgacattac caaatactcc aaggcaaagg tatttgagca tattggaaag aagactccca    420
tcgcagtctg gttctccact gttgctggag aatcgggttc agctgacaca gttcgggacc    480
ctcgtgggtt tgcagtgaag ttttacacag aagatggtaa ctgggatctc gttggaaata    540
acacccccat tttcttcac agggatccca tattgtttcc atcttttacc cacagccaaa    600
agagaaatcc tcagacacat ctgaaggatc cggacatggg ctgggacttc tggagcctac    660
gtcctgagtc tctgcatcag gtttctttct tgttcagtga tcgggggatt ccagatggac    720
atcgccacat gaatggatat ggatcacata ctttcaagct ggttaatgca aatggggagg    780
cagttttatt caaattccat tataagactg accagggcat caaaaacctt tctgttgaag    840
atgcggcgag actttcccag gaagatcctg actatggcat ccgggatctt tttaacgcca    900
ttgccacagg aaagtacccc tcctggactt tttacatcca ggtcatgaca tttaatcagg    960
cagaaaactt tccattttaat ccattcgatc tcaccaaggt ttggcctcac aaggactacc   1020
ctctcatccc agttggtaaa ctgggtcttaa accggaatcc agttaattac tttgctgagg   1080
ttgaacagat agccttcgac ccaagcaaca tgccacctgg cattgaggcc agtcctgaca   1140
aatgcttca gggccgcctt tttgectatc ctgacactca ccgccatcgc ctgggaccca   1200
attatcttca tatacctgtg aactgtccct accgtgctcg agtggccaac taccagcgtg   1260
acggcccgat gtgcatgcag gacaatcagg gtggtgctcc aaattactac cccaacagct   1320
ttggtgctcc ggaacaacag cttctgcct tggagcacag catccaatat tctggagaag   1380
tgcgagatt caaactgcc aatgatgata acgttactca ggtgcgggca ttctatgtga   1440
acgtgctgaa tgaggaacag aggaaacgtc tgtgtgagaa cattgccggc cacctgaagg   1500
atgcacaaat tttcatccag aagaaagcgg tcaagaactt cactgaggtc caccctgact   1560
acgggagcca catccaggct cttctggaca agtacaatgc tgagaagcct aagaatgcga   1620
ttcacacctt tgtgcagtcc ggatctcact tggcggcaag ggagaaggca aatctgtgag   1680
gccggggccc tgcacctgtg cagcgaagct tagcgttcat ccgtgtaacc cgctcatcac   1740
tggatgaaga ttctcctgtg ctagatgtgc aaatgcaagc tagtggcttc aaaatagaga   1800
atcccacttt ctatagcaga ttgtgtaaca attttaatgc tatttcccca ggggaaaatg   1860
aaggttagga tttaacagtc atttaaaaaa aaaatttgtt ttgacggatg attggattat   1920
tcatttaaaa tgattagaag gcaagtttct agctagaaat atgattttat ttgacaaaat   1980
ttgttgaaat tatgtatgtt tacatatcac ctcatggcct attatattaa aatatggcta   2040
taaatatata aaaagaaaag ataaagatga tctactcaga aattttttatt tttctaaggt   2100
tctcatagga aaagtacatt taatacagca gtgtcatcag aagataactt gagcaccgtc   2160
atggcttaat gtttattcct gataataatt gatcaaattc atttttttca ctggagttac   2220
attaatgtta attcagcact gatttcacaa cagatcaatt tgtaattgct tacattttta   2280
caataaataa tctgtacgta aaaaaaaaaa                                     2309

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<210> 8368
 <211> 1854
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1718)...(308)
 <223> similar to gi4972730 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8368

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tcatttactt	cagagcaaat	gtaagcttat	aattattaaaa	attaaaagtat	tacaatat	120
accaagatgg	ttgggcaggg	gacacttact	agtataaaaa	taatacaaat	attgtatttt	180
cctcttatct	gccagtaaaa	aatggcaaac	aggttttgtc	tttctgaagt	ttctagtcca	240
ataaccaaag	atgatggagc	ccctaataaa	gtgccttgcc	ctgtagctc	cactgtctat	300
agcttttagac	cctcaacatt	cttcttcaag	ttcagcagct	ctttttcttg	ccttcttttc	360
tccagtttaa	atgctaattt	gttagctttc	ttctccactc	ttcgttcctt	gcgctcttct	420
tttatagctt	gctttcttgc	tcttttatct	tctttgcttt	cattttttaga	acgtggctga	480
gttgatactt	taggaagatc	actgccatta	atcatctgta	ttctttcagt	ttgctttgct	540
gtgagtcctt	tctttggtaa	gacattgaga	ggtattcctg	ttttagaaga	tattcgaatt	600
tgtttgggct	ttgggtgata	cttgataagc	tgtggatggg	tatataaatt	tgagtatgta	660
ctacaaatag	attcacaatc	ccacttctct	ttggcttctt	caaggactac	agtaatcatt	720
tcttcctcct	cagactcatc	aagctcatte	attggcaggt	cttgatcctc	caagggttca	780
aggggtattca	attttacaca	attctctgcc	ttctctttat	agtagtcatt	caaaacttcc	840
tgtaagcgat	tgctgtccac	ttgaatagaa	ccttccaatt	ctgcattatc	cagagctcca	900
atttcatcat	catcatattg	ctcataaaac	ttctcaaacc	tctcatcatg	tagggctcagc	960
tgttcatttc	tctcatgac	tgaggaagtc	atcgaaact	ccgtgaagcg	actctttgtt	1020
tctcactcc	agaacaagtg	atctgctata	gctctgtgag	tttttccggg	cacagacata	1080
cagtcttcat	ctgacaatag	gcctgcagag	tcatagtcac	cattgctatc	tcccttctca	1140
tcattccacat	cttccactc	gctgtcatct	tcattctcag	atttctgtat	atccattccc	1200
tcttctctct	ctgttgctt	attggcctga	agaataaagt	catcctcaag	cagattatct	1260
ggatcatcaa	agtcaaaatc	atcatcaaga	gctgcaacaa	gtcaggatc	aaaatccagt	1320
cgaggtcctg	aaactggagc	tgctttattt	aacaatccaa	catcttctc	aaactctgaa	1380
gcaaacactg	atgaaggcaa	cttaattcca	gtgcttgga	ttactagcgt	ttcttcttct	1440
tctctctctc	tggtgtgtgc	actgaaggta	cttgaggga	taagctctga	aggcccagat	1500
ggttccttca	ggtgctgcag	gtagtcatag	tcgtcatcaa	agaacactcc	atacttctc	1560
tgttctgctc	gcctttcttc	attgtctatt	ttttgtgtgg	gcaatagaac	cctctggggg	1620
gcactctcat	ctgctgctaa	aggatctcgt	tggctccggg	ggaccaagtg	aaaagacaca	1680
gctttcttct	tctctataaa	gggcttttct	ttctgtgag	gcatgctgca	gccgcgcggc	1740
gctcaccctc	aacaggggcg	gcatgacac	cctcgaagtc	cggcggggag	accaaggtcc	1800
agctgaaggc	cgcttctgta	ggcctcacca	cacgtgcagc	cccaacgaaa	tcgg	1854

<210> 8369
 <211> 1262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (350)...(601)
 <223> similar to gi20245 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8369
 ctccaagctg ctggacccca gggagagctg accactgccc gagcagccgg ctgaatccac 60
 ctccacaatg cgggtctcag gaaccccggc ccctaataag aagaggaaat ccagcaagct 120
 gatcatggaa ctactggag gtggacagga gagctcaggc ttgaacctgg gcaaaaagat 180
 cagtgtccca agggatgtga tgttggagga actgtcgctg cttaccaacc ggggctccaa 240
 gatgttcaaa ctgcggcaga tgagggtgga gaagtttatt tatgagaacc accctgatgt 300
 tttctctgac agctcaatgg atcacttcca gaagtccctt ccaacagtgg ggggacagct 360
 gggcacagct ggtcagggat tctcatacag caagagcaac ggcagaggcg gcagccaggc 420
 agggggcagt ggctctgccg gacagtatgg ctctgatcag cagcaccatc tgggctctgg 480
 gtctggagct gggggtacag gtggtccgc gggccaggct ggcagaggag gagctgctgg 540
 cacagcaggg gttggtgaga caggatcagg agaccaggca ggcggagaag gaaaacatat 600
 cactgtgttc aagacctata tttcccatg ggagcgagcc atgggggttg acccccagca 660
 aaaaatggaa cttggcattg acctgctggc ctatggggcc aaagctgaac ttcccaaata 720
 taagtccctc aacaggacgg caatgcccta tgggtggatat gagaaggcct ccaaacgcat 780
 gaccttccag atgccc aaag tttgacctgg ggcccctggc tgagtgaac ccctgggtcc 840
 ttctacaacc aaaacctctc caacagggcc ttcttttcaa tccaaccccc tattcccctg 900
 gctggagctc tgggggagcc tgtagactac aacgtggata ttggcatccc ctggtatgga 960
 gaaacagagg agctgtgagg tgtttcctcc tctgatttgc atcatttccc ctctctggct 1020
 ccaatttgga gagggaatgc tgagcagata gccccattg ttaatccagt atccttatgg 1080
 gaatggaggg aaaaaggaga gatctacctt tccatccttt actccaagtc cccactccac 1140
 gcactccttc tcaccaactc agagctcccc ttctacttgc tccatatgga acctgctcgt 1200
 ttatggaatt tgctctgccca ccagtaacag tcaataaact tcaaggaaaa tgaaaaaaaa 1260
 aa 1262

<210> 8370
 <211> 1627
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (573)...(1063)
 <223> similar to gi5262686 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8370
 tgccaacaat tcggcacgag ggctggaaag gctgtacctg caccttcaag gaccgcagta 60
 aacttcgaga gcacctccgc agccataccc aggagaaagt ggtagcctgc cccacctgtg 120
 ggggcatgtt tgccaacaat accaagttct tagatcacat ccgtcgccag acctcattgg 180
 atcagcagca cttccagtgt tctcactgtt ccaagagatt tgccacagag cggctattgc 240

gggaccacat	gcgcaaccat	gtgaatcact	ataagtgtccc	tctgtgtgac	atgacctgcc	300
cgctgccttc	ctccctccgc	aaccacatgc	gctttcgtca	cagtgaggac	cggcccttta	360
aatgtgactg	ttgtgactac	agctgcaaga	atcttattga	cctccagaag	cacctggata	420
cccacagcga	ggagccagcc	tacaggtgtg	atttttgagaa	ctgcaccttc	agtgtccgat	480
ccctctgtct	tatcaagtcc	cattaccgca	aagtacatga	aggagactct	gagccaaggt	540
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gcaagaagca	ccagttcaag	tggccctcag	ggcatccccg	ttttcggtag	aaggaacatg	660
aagatggcta	tatgctggctg	cagctgggttc	gctacgagag	tgtagagctg	acacagcaac	720
tgctgcggca	accacaagag	ggatcggggc	tgggaacgtc	gctgaacgag	agcagcctgc	780
agggcattat	tctagaaaca	gtgccagggg	agccaggacg	taaggaagag	gaagaggagg	840
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acgtggtgaa	tcaagaccaat	gcccgaaggcc	agcaagagat	tgtctactat	gtgctgtctg	960
aagccccagg	ggagcctccc	ccagtccctg	agccaccttc	agggggcatc	atggaaaagc	1020
ttcaaggaat	agctgaggag	ccagagatcc	agatggtttg	aaggccgcag	agccagacca	1080
tttcttcccc	aggtcctgaa	gtttgagcca	ggcaagtggc	agtgtcccta	gtgggcagcc	1140
gttgccaatg	gatgccttta	ggagtgggtgc	cgagagcagt	gtggtccact	ctggcctggg	1200
tttgcatacat	tctgcagact	ctaaagactt	cccttttctg	ccagactaca	ttttgtgggg	1260
agcctgagga	ctctggattc	tttgagggga	tcctggatgt	gtgtgttctt	gttaaagagg	1320
ctgttatcag	gcttaactat	aaccctcaag	atctgcttga	cagtgattaa	atccttagct	1380
cacatccatt	cccatctttc	gggtccttta	ggcccaagga	tggcatgtga	ctggtccctg	1440
caagggtcct	ttctttgtca	ccagccaagg	cattgataac	caagtagcca	ttttcctctt	1500
aaggtttcct	ctacaacccc	aaggactttc	atgattatcc	tcagggacag	gattggaggc	1560
attgagcgtg	tttattaaca	aattgttttt	ggtaataaaa	taaagtcttg	gactcttaaa	1620
aaaaaaa						1627

<210> 8371

<211> 4976

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (103)...(4500)

<223> similar to gi407097 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8371

gactcccggg	tctacccacg	cgtccgggtg	gcttggtgag	ccggaggaca	cgatttctct	60
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cccttctacc	agaagagaca	taggcacttc	gaccagtcct	accgtaatat	tcaaacacgg	180
tacctgctgg	acgaatatgc	gtcaaaaaag	cgagcttcca	cccaggcatc	ttcccagaag	240
tccttgagtc	agcggtcgtc	ttcacagaga	gcctccagcc	agacgtccct	gggaggaacc	300
atctgcaggg	tctgtgcgaa	gcgagtgagc	acgcaggaag	atgaggagca	ggagaacaga	360
agcaggtacc	agtccctggg	ggccgcctat	ggtgaggcca	agcgacagcg	cttcctcagc	420
gagctggccc	acttgaggga	ggatgtccac	ctggcacgct	cccaggcccc	cgacaagctg	480
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tggtagaaaag	atggcagtc	gatttgccag	gcggctgaac	cgggaaagta	caggattgag	720
agcaactatg	gcgtacacac	actggagatc	aacagggcag	actttgacga	cactgcgaca	780

tactcagcag	tggccaccaa	tgcccacgga	caagtgtcca	ccaacgcggc	ggtggtggtg	840
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accttcagga	gggaaggcga	gacggtcact	ctcaagtgca	ccatgctggt	gacgccggac	1020
ctgaagcggg	tgcagccgcg	cgccgagtgg	taccgcgatg	acttgctgtt	gaaaagagtcc	1080
aagtggacga	agatgttctt	tggagaaggc	caggcctccc	tgtccttcag	ccacctgcac	1140
aaggacgacg	agggcctgta	caccctgcgc	atcggtgtctc	ggggcggcgt	cacggaccac	1200
agcgccttcc	tgtttgtcag	agatgctgac	ccgctggtca	caggggcccc	cgtgacccc	1260
atggacttgc	agtgccacga	cgccaaccgg	gactacgtca	tcgtgacctg	gaagccgccc	1320
aacaccacca	ctgagagccc	cgtcatgggc	tattttgtgg	accgatgtga	agtaggaacg	1380
aataattggg	tgcagtgcaa	tgatgcaccg	gtgaaaatct	gcaaataccc	ggtcacaggg	1440
ctttttgaag	gaaggtctta	catattccga	gtgagggcag	tgaacagtgc	gggcatcagc	1500
cgaccctcca	gggtctctga	tgcgggtggc	gcacttgacc	ccttggacct	cagaaggtta	1560
caagccgttc	atttggaggg	agagaaggag	attgccattt	atcaggatga	ccttgaaggt	1620
gacgcccagg	tcccagggcc	tcccaccggt	gtgcacgctt	ccgagatcag	cagaaactat	1680
gtcgtcctca	gtcggggacc	accactccc	cgtggcaagg	acccgctcat	gtacttcatt	1740
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tcggtggtgg	tgcagtggga	ccgacctaa	catgaggagg	acctgctggg	ctactacgtg	2040
gactgctgtg	tggccggaac	caacctctgg	gagccctgca	accacaagcc	catcggatac	2100
aacaggttcg	tgggtgcacg	cttaaccacg	ggagagcagt	acatcttccg	agtcaaggcg	2160
gtcaatgctg	tggggatgag	tgaaaattcc	caggaatcag	acgtcataaa	agtgcaggcc	2220
gcactcaccg	tcccgctcca	tccttatggg	attacgctcc	tcaactgtga	cggccactcc	2280
atgaccctcg	gctggaagg	cccgaaattc	agtgggtggc	cgcccatcct	gggctactac	2340
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<210> 8372

<211> 2981

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (398)...(2809)

<223> similar to gi3169008 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8372

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tttttcccc	ttcaggaacg	tgttcaggcc	cgcggcagg	ggcgggatc	cgccctctcc	360
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<210> 8373

<211> 2513

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (71)...(988)

<223> similar to gi1945271 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8373

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gtacctgcca	gagaacgacc	tgaagcggct	atgtgactac	gtttgtgacc	tcctcttaga	180
agagtcaaat	gttcagccag	tatcaacacc	agtaacagtg	tgtggagata	tccatggaca	240
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acagataaca	caggtctatg	gattttatga	tgagtgccaa	accaaataatg	gaaatgctaa	480
tgccctggaga	tactgtacca	aagtttttga	catgctcaca	gtagcagctt	taatagatga	540
gcagattttg	tgtgtccatg	gtggtttatc	tcctgatatc	aaaacactgg	atcaaattcg	600
aaccatcgaa	cggaatcagg	aaattcctca	taaaggagca	ttttgtgatc	tggtttggtc	660

agatcctgaa	gatgtggata	cctgggctat	cagtcctccga	ggagcaggtt	ggcttttttg	720
agcaaaggtc	acaaatgagt	ttgttcatat	caacaactta	aaactcatct	gcagagcaca	780
tcaactagt	cacgaaggct	ataaatattat	gtttgatgag	aagctggtga	cagtatggtc	840
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aaatacaaga	gaaccaaagt	tattccgggc	agttccagat	tcagaacgtg	ttatctctcc	960
cagaacgaca	acgccatatt	tcctttgagg	ccttcgccca	tcctgctgac	ccatttttct	1020
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<210> 8374

<211> 2249

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (240)...(1094)

<223> similar to gi214002 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8374

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cgggacgtcc	tccgtccgct	cgtctctct	cgctgcccac	cgggtgcaccc	agtcgctca	180
cccagcccag	cctgcctggg	cctcaccgcc	tgccggccgg	cccaccccc	accgcagcca	240
tggacgccat	caagaagaag	atgcagatgc	tgaagctgga	caaggagaac	gccatcgacc	300
gcgccgagca	ggccgaagcc	gacaagaagc	aagctgagga	ccgctgcaag	cagctggagg	360

aggagcagca	ggccctccag	aagaagctga	aggggacaga	ggatgaggtg	gaaaagtatt	420
ctgaatccgt	gaaggaggcc	caggagaaac	tggagcaggc	cgagaagaag	gccactgatg	480
ctgaggcaga	tgtggcctcc	ctgaaccgcc	gcattcagct	ggttgaggag	gagctggacc	540
gggcccagga	gcgcctggct	acagccctgc	agaagctgga	ggaggccgag	aaggcggctg	600
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tcatectagt	cagtccatct	ggtttgctcc	tgccatgggg	ccctgaagggt	ccgtgaatgc	1980
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cacgtctccc	ccttgtgggt	tcctttctcc	ctcacctgct	gcttcccctc	acagagacct	2100
tggccagtgc	caaggaggag	aacgtcgaga	ttcaccagat	tcttggacca	gaccctgctg	2160
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<210> 8375

<211> 3176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (99)...(1118)

<223> similar to gi4105412 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8375

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tgatgcccc	tgacaacag	gtggggcg	cgcagtttc	tcaggggtac	cagttccct	360
ccatggagca	gctggctgcc	atgctcccca	gcgtgggtgca	gcatttcggg	ttcaagtatg	420
tgattggcat	cggagtgggc	gccggagcct	atgtgctggc	caagtttgca	ctcatcttcc	480
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gcccacgtcg	aggccccacc	gccatccttg	cgcgggtcca	tgttcccttt	agtttatttt	1200
tgtgagggga	aaggggagga	aatgggggttc	tggttgaaaa	aaatgagggg	atcttagatg	1260
ctgcagcaga	acagtctcca	ggtgttttaa	ggggctcagt	cctcctcatc	ccatctcact	1320
ctccgtggta	acttagccaa	cttgaccctt	ctcatccac	tcccgggcgc	ccaggcacag	1380
aagggcaggg	ccatagggag	ggagattcgc	tacggatcca	ggtcattcct	gggtgagccc	1440
ttgggcaggg	atgtttggag	atgagagagg	cttcgagagg	gtgggtgctg	ggccacaggg	1500
gtgcggggcc	agctcaggca	ctggcgtggg	agccctggga	gaccccttcc	cccaccctcc	1560
accaagcaca	cctgtttctg	tctcatagca	catgtgacaa	tcatctggac	aacagccaca	1620
agggggcgct	cggaccaggc	agccactttc	ctggtgctct	ctgggcccag	ctggtgctgt	1680
agggccacgc	aggcaggggc	gtcaaggggt	ttctctgccc	aaggaagaca	gaacatggag	1740
aaccgtcagg	gcaggaaccc	cacagactgt	cccttccagc	ccacactctg	ccacctctg	1800
gccctgtccc	aattctgagc	caaggcctcc	ccgaggcaga	agttgcctgg	tcctctgtcc	1860
ccacagtgc	ctgactgggg	gtgagggaga	aggaggagag	agcccatgtg	tggtgtgtgt	1920
gcccctgaga	acttcgtggt	gactgccttt	gggagcccgc	aggtggccag	aggcaggggt	1980
agctgagttc	ctggagaccc	cttttttgcc	cccagggttc	ccagagggca	acgccatcag	2040
tagcagtgtg	gtgtttcagg	cagagctctg	gccaggctgt	gccagtgtgt	cccggacgca	2100
tcactaagga	agagagagtt	tatttagtca	actggcccaa	ggcagcgagg	cttctacagt	2160
cccacacccc	atagccgcct	gggctggggc	ttactggggg	ctgaaggttc	tggacatgaa	2220
caagggtcag	gtagaagaga	aaggcttccc	ctacacccca	gcctcctgct	gtcccctgaa	2280
gcccaggact	gcgttgtagt	ctttccatcc	actcacctta	ccccatagca	tcttgcggcc	2340
cagaaaccag	agccatttgt	ctcagaccct	aaatcaataa	tcacaaaccc	caaaacggga	2400
gagagcagtg	aaaacatgca	gggctgtgga	cgggggaagg	gttgtggcgg	gtgttctgag	2460
gctgagagga	cacctatatg	cgtatttcct	ctacacacat	cacccccctt	ctataatctt	2520
aagccatgac	tagcctggtg	gcgtgttagt	ttctgcccag	ttctaccccc	tcagtgtgctt	2580
cttctgaata	ctgaatgtga	ctgtttgaaa	gctggtagaa	ttcatccctc	ttactgtaga	2640
taacactgca	aatcttggaa	ttttgttttt	tgtgttttcc	agatgtatct	ataaatatct	2700
atacattata	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tacatcggtg	cctcccatgt	2760
gtggtgttct	tctggagggt	gtctcttttg	tcaaggtgaa	cttttaaatgt	ttattatttt	2820
cttctccgca	caaagtaaag	agcctaattt	tgtgtattct	ggtggctgct	gtcatgagat	2880
gataaaatgt	aaaacaaaac	tctagtcaac	gtagaaagag	ttaactgtgc	tgaaaaacta	2940
ataaagaacc	taagaagaat	tccagtgtgg	tgatgccatg	cccatcatgg	gaggcctttt	3000
ggagaaacag	aatgtttggg	caggggctgc	tggtgctgct	ttgggttttt	gggttgaggg	3060
tgctaggaga	ggatggtctc	cacccatctt	tctatttcca	gtacacgtca	cattatttta	3120
ccggtgagat	gagaatgtca	caaacattaa	aagccttatg	tgctctaaaa	aaaaaa	3176

<210> 8376

<211> 1615

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (44)...(1392)
<223> similar to gi4886449 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8376
ctgattacgc ttagcttggc acgacggggc gcgctggccc ctggggacgc cgagggcggc      60
tgcgacgcgc cgagaggccg cggctctccc acctgtcacc ctggcccttc tctgcttgga      120
tgggtgtcttc ctctctcag ccgagaatga ctctgtccac cggatccagg aggaactgga      180
ccgctttctg ctgcagaagc agctgtcaaa ggttcttctt tccccccac tctccagtcg      240
cctccggtac tgatccata gaacagcaga gaattttgat ctcttgagca gcttctccgt      300
tggggagggc tggaaagagga ggacggtcac ctgtcaccag gacatcaggg taccagttc      360
ggatggcctc tctggccctt gccgcgctcc tgccctctgc cccagcaggt accacggtcc      420
tcggcccatc tccaaccaag gagcagctgc gggtccccga ggtgcccggg ctggccggtg      480
gtatcgtgga cgcaagcctg accagccttt gtatgtgccc cgggtgctgc gcaggcagga      540
agaatggggg ctgacctcta cctcgggtgct caagagagag gccccagctg gcagggaccc      600
agaagagcct ggagatgttg gtgctggaga cccaactct gatcagggaac tccctgtgct      660
gatgactcag ggaacagagg acctaaaggg cccaggacaa aggtgtgaga atgagccact      720
gctggaccct gttggccctg agcctctggg gcctgagagt cagtcaggga agggagacat      780
ggtggagatg gccacacggt ttgggtccac cctgcagcta gacctggaag aggggaagga      840
gagtctgttg gagaagaggc tgggtggcaga ggaggaagag gacgaagagg aggtggaaga      900
ggatggcccc agcagctgct cggaggacga ttacagttag ctgctgcagg agatcacaga      960
caacctgacg aagaaggaga ttcagataga gaagatccat ttggacacgt cctccttcat     1020
ggaggagctg cctggagaga aggaccttgc ccacgtggta gagatctatg actttgaacc     1080
agcgtcaag acggaggacc tgctggcaac gttttctgag ttccaagaga aggggttcag     1140
gattcagtgg gtggatgata ctacgcact cggcatcttt cctgcccggg cctcagctgc     1200
ggaagccctg acccgggagt tctcgggtgct caagatccgg cccctcacgc agggaaacaa     1260
gcagtcaaag ctcaaagcct tgcagaggcc aaaactcctg cgtctggtga aggagaggcc     1320
acagacaaat gcgactgttg cccggcggtc ggtggccggg gccctgggac tccaacacaa     1380
aaagaaagag cggcctgctg tccgggggtcc gctgccggcc tgaggcctgg agacccaact     1440
ggcctggatc tgcgtcccga cggtagctgg cgcccccaac accataagcc ttcacagacg     1500
ccagagcagc cccgcaccac cctcgagctt caccatgggg tgtggtgggc tttagttag     1560
tcccagaaat ggagaaaaaa taaaaactca cgttgttcta atgtgaaaaa aaaaaa      1615

```

```

<210> 8377
<211> 1143
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1144)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (865)...(496)
<223> similar to gi200539 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```
<400> 8377
tttttttttt ttagaagaca aaatgtttta ttttaaaaca ttgaaaaaac attaaaagac    60
aaatgtccat tatgtaacca ggaatgttaa atatattgaa acggtaaata tctaaaatgt    120
ggtaggact tccagagcta aatgttgcaa gttatctctac ttttttctct aatatcaaca    180
atacctgata cgatgaaaaa taacaaaaag accttactaa ttatccaata aaagtcataca    240
tctttgggta aatttatatc aacacaactt aaagttttgt ccaagatgtt cctgacacat    300
gaagcttcca gttgaatttc agaaatgtta acaaaagtat cttccttttt tgctgtgaa    360
tgtttgagta ttgctgtatt gttggcttat atccactaca gatactgggt ctaggccagc    420
ccaaggatct tcaagcattg aaggcttgaa ataattttcc aactcattag acattctttt    480
ttctctaaca cgccctgatc caaatggtgt agatgtcctt ggagaaccct gggggtgggt    540
ctgctgctgc cctggggagt agccgaattg ctgctgggac ccgcggggg acctggagta    600
ggagccagg tagccgccag gggacggaga cccgaaccgg ccccccggga agctgccgcc    660
gtgtcgcgga gagtgcactgc tcccgtacgg cctagaccgg ggcccgtagc gcggcggtgtg    720
gtgcggactc ccgtaccctg ctcgagggga gggcgccgt ggtccgcccc cgccgggggt    780
tccccggaag ctgcttcgc taccccaacc tctccacccc ggaccagggt aaggaggagt    840
tgggggccga aaattctgtc gctgcataac aggagccaaa gccgaaaacc tcgcagccgc    900
gttctccac cggaactgta tcaaccggcc ctccgcagag aactgctagt cctttaccaa    960
aacagtctc cgaccgcagc caccctacgg cacatcagtt ccggcgtcac aaagggtccg   1020
ccaggggagg cgggattacc taaatcactg acttggcgag agactcagtg gatttaagtg   1080
aaaagaggaa gaaaaggaga caggaaagga cggtcnccca agcccagcat catcctttcc   1140
agt                                     1143
```

<210> 8378

<211> 1125

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (568)...(670)

<223> similar to gi402205 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8378
ctgctccatg agcaactggg aaattagttc aaagctctcc agggttttct tttattcatc    60
gaggaagaag caggaagaca ataaaatgaa aagaaacagc aaataattaa gactgacacc    120
atccccctcag tgccagccac ctcaactcacc caagtcttca ttaagtacag gaaataagat    180
tataaatgaa gatttttttt tctctctggca acatgaatgc aaagaaacat ttccatcagc    240
acagagagat cagcaggatg cttatagaat agaagactat tcagtgcagc ccaattcact    300
tgcaaatata gacacattca ctgaagatgc cctatatgtt ccactaaaat gttttttttt    360
ttgatatagg gttgggggca ggggtggttt gttgcaggcc actgtgtaca catagcttat    420
ctgtcattcg agatgaaaga gttcctgcaa actaaccaga gaacgttccc caataccctg    480
tacattattg gaattcatgg aggggagaat tcaaaaggaa gatggagtga agactgaata    540
acacaaaact gttctcttct actttaagga aaacccaaaa gtgacactgt ggattttcac    600
tgttctaagc tccccgtgac ctgtggtgag gcgaaaggga ttttatataa gaagaaaatg    660
```

aaacacggtg	agttccttgg	tcttctgctc	tttggaatcc	ctagatgaag	gactcactag	720
aagggaggaa	aatacccggtg	tgtgtaattg	atcaggaaat	ggaccctgct	agctagactg	780
cagaagaaac	gcttcttagg	aaggaatttc	caaactcttc	cacatcatgg	tatttctggc	840
aatcagaccc	tccactccca	cctggaagtc	acccatgggc	cctgctgtac	tgacagccat	900
gtccttgctg	catgtaggca	ctacacgaat	gcacattctg	tcccaccctt	caccactcag	960
tcaggcttta	gggctggctt	cagtccaaga	gaagaggccc	gcagactccc	ctgctactcc	1020
ttccacctca	cagaggaagt	ctctcttgac	ctggaaaggt	agaaggccac	aattaggatg	1080
aagaggttca	cgggtgaattc	acagaggatg	ggggtagatc	caaga		1125

<210> 8379

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (94)...(769)

<223> similar to gi5852981 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8379

gattattaaa	gcttcgccgg	agccgcggct	cgtecttcca	ctccgccagc	ctccgggaga	60
ggagccgcac	ccggccggcc	cgccccagc	cccatggacc	tccgagcagg	ggactcgtgg	120
gggatgtag	cgtgcctgtg	cacggtgctc	tggcacctcc	ctgcagtgcc	agctctcaat	180
cgcacagggg	acccagggcc	tggccctcc	atccagaaaa	cctatgacct	caccgcctac	240
ctggagcacc	aactccgcag	cttggtggg	acctatctga	actacctggg	ccccctttc	300
aacgagccag	acttcaacc	tcccgcctg	ggggcagaga	ctctgccag	ggccactgtt	360
gacttggagg	tgtggcgaag	cctcaatgac	aaactgcggc	tgaccagaa	ctacgaggcc	420
tacagccacc	ttctgtgtta	cttgctggc	ctcaaccgtc	aggctgccac	tgctgagctg	480
cgccgcagcc	tggccactt	ctgcaccagc	ctccagggcc	tgctgggcag	cattgcgggc	540
gtcatggcag	ctctgggcta	cccactgcc	cagccgctgc	ctgggactga	accacttgg	600
actcctggcc	ctgccacag	tgacttctc	cagaagatgg	acgacttctg	gctgctgaag	660
gagctgcaga	cctggctgtg	gcgctcggcc	aaggacttca	accggtcaa	gaagaagatg	720
cagcctccag	cagctgcagt	caccctgcac	ctgggggctc	atggcttc		768

<210> 8380

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (141)...(701)

<223> similar to gi3402216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 8380
cacagataaa gataagtttt actgtcatgc tgcttttaac ataacagagc aacatcacct      60
aggaaaaaag tttgtaggag gatttttaat ccatatattt gtcttatggc tagataaaga     120
tttctctgaa aaaaagaagc atgtcaggaa tctctgggtg cccctttttc ctctggggac     180
ttctagcatt gttgggcttg gctttgggta tatcactgat cttcaatatt tcccactatg     240
tggaaaagca acgacaagat aaaatgtaca gctactccag tgaccacacc agggttgatg     300
agtattatat tgaagacaca ccaatttatg gtaacttaga tgatatgatt tcagaaccaa     360
tggatgaaaa ttgctatgaa caaatgaaag cccgaccaga gaaatctgta aataagatgc     420
aggaagccac cccatctgca caggcaacca atgaaacaca gatgtgctac gcctcacttg     480
atcacagcgt taaggggaag cgtagaaagc ccaggaaaca gaatactcat ttctcagaca     540
aggatggaga tgagcaacta catgcaatag atgccagcgt ttctaagacc accttagtag     600
acagtttctc cccagaaagc caggcagtag aggaaaacat tcatgatgat cccatcagac     660
tgtttggtgatt gatccgtgct aagagagaac ctataaac                               698

```

```

<210> 8381
<211> 1549
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(1118)
<223> similar to gi403144 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8381
aattcccggg tcgacgattt cgtggccgtc atggcgcccc gaaccctcgt cctgctactc      60
tcgggggctc tggccctgac ccagacctgg gcgggctctc actccatgag gtatttcttc     120
acatccgtgt cccggcccgg ccgcggggag ccccgcttca tcgcagtggg ctacgtggac     180
gacacgcagt tcgtgcggtt cgacagcgac gccgcgagcc agaggatgga gccgcgggcg     240
ccgtggatag agcaggaggg tccggagtat tgggacgggg agacacggaa agtgaaggcc     300
cactcacaga ctcaccgagt ggacctgggg accctgcgcg gctactacaa ccagagcgag     360
gccggttctc acaccgtcca gaggatgtat ggctgcgacg tggggtcgga ctggcgcttc     420
ctccgcgggt accaccagta cgcctacgac ggcaaggatt acatcgccct gaaagaggac     480
ctgcgcctctt ggaccgcggc ggacatggca gctcagacca ccaagcacia gtgggaggcg     540
gcccattgtg cggagcagtt gagagcctac ctggagggca cgtgcgtgga gtggctccgc     600
agatacctgg agaacgggaa ggagacgctg cagcgcacgg acgcccccaa aacgcataatg     660
accaccacc ccatctctga ccatgaagcc accctgaggt gctgggccct gagcttctac     720
cctgcggaga tcacactgac ctggcagcgg gatggggagg accagacca ggacacggag     780
ctcgtggaga ccaggcctgc aggggatgga accttccaga agtgggcggc tgtggtggtg     840
ccttctggac aggagcagag atacacctgc catgtgcagc atgagggttt gcccagccc     900
ctcaccctga gatgggagcc gtcttcccag cccaccatcc ccatcgtggg catcattgct     960
ggcctgggtc tctttggagc tgtgatcact ggagctgtgg tcgctgctgt gatgtggagg    1020
aggaagagct cagatagaaa aggagggagt tactctcagg ctgcaagcag tgacagtgcc    1080
cagggtctcg atgtgtctct cacagcttgt aaagtgtgag acagctgcct tgtgtgggac    1140
tgagaggcaa gagttgttcc tgcccttccc tttgtgactt gaagaaccct gactttgttt    1200
ctgcaaaggc acctgcattg gtctgtgttc gtgtaggcat aatgtgagga ggtggggaga    1260

```

ccacccccacc	cccatgtcca	ccatgaccct	cttcccacgc	tgacctgtgc	tccctcccca	1320
atcatctttc	ctgttccaga	gaggtggggc	tgaggtgtct	ccatctctgt	ctcaacttca	1380
tggtgcactg	agctgtaact	tcttcttcc	ctattaaaat	tagaacctta	gtataaattt	1440
actttctcaa	attcttgcca	tgagaggttg	atgagttaat	taaaggagaa	gattcctaaa	1500
atttgagaga	caaaataaat	ggaagacatg	agaaccttcc	aaaaaaaa		1549

<210> 8382

<211> 1192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(406)

<223> similar to gi2995181 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8382						
agtttgtagc	ggacaacatg	gcggccttca	tgctgggctc	gctgctgcgg	acgttcaagc	60
agatgggttc	ttcatcagct	tcaggccaag	ttcgaagtca	ctatgtagac	tgagagaatgt	120
ggcgcgatgt	gaagagacga	aaaatggcct	atgaatacgc	agatgagagg	ctacgtatta	180
attcactcag	gaagaatacc	attttgccaa	aaattcttca	ggatgtggct	gatgaagaaa	240
ttgctgccct	ccccgggat	agctgtcctg	ttagaatcag	aaatcgggtg	gttatgacgt	300
cccgcccg	tggtgtgaag	cggcgctgga	ggcttagtcg	tatagtcttc	cgctacttag	360
ctgaccatgg	gcaactttct	gggatccagc	gagcgacatg	gtaaatgagc	tccagaacct	420
attgagcttg	caggaagcc	aagcttgacg	ttccagcaag	caaagatttt	ttttaataga	480
ccaaacccta	atctctacag	gggcccagta	cagttgtttg	gcctacctga	tgctatctct	540
aaactacttt	taaaatgaag	acatttgggt	gtttcgtgtc	agtgaattat	cttttctctt	600
ggacttaaca	aacatactgt	tcccatacat	agtacaaaga	gtagcataat	aaatatcttc	660
tgtgaatgtt	ttttataccc	tccttttaag	tttaatcttt	tagtaacata	taggggtttt	720
tgtattaaga	gcattatttc	ataaaatgct	atcttataca	taatccaact	aattgacatg	780
tagctcatgt	atggcagttt	gtaatcctgg	actagctttg	ctgacctgca	gagctccccct	840
taactattat	tgtagataa	acagattgga	tagcaaggct	gctgttctgg	attatctaata	900
gctccacttc	ttcttgtgat	ggctgaacaa	agaaccact	aagtgttttc	ttgtccatcc	960
ttaagggact	ttaaaacaaa	ttatgcctct	ttaagtcctt	gaaagtctcc	atctaaagag	1020
gaaaagtttg	ttggaacagt	atatattccc	tattttacat	ggttatttaa	tccataacag	1080
aaatgagtaa	gggtagcaca	aagttctcat	tcagtaactc	aacagtgtga	tcatcagccc	1140
agtgataaaa	atatacatat	tgaatggagg	tacctactta	ccatcaggaa	at	1192

<210> 8383

<211> 1681

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (226)...(986)

<223> similar to gi2852604 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8383

```
atcagagcat tagatcttgc tggagatcct acaagctata agactttgca gaaatgtcct      60
tctacagaac cagaagaaaa aggaaatatc gtggaagaac agccccagaa aaataccacg     120
gagaaattgg gtgtgtcagc tcccaccata cccgttagaa ggcggtctggc ttgggataca     180
gagaacacaa gtgaagacgt acagaaacag cccggggaga aagaggagga ggacgacaat     240
gaagaggaag gggacaggaa aacgggcaag caggctttaa tgggagagca agagaagttg     300
gatgtacatg agaaatctaa ggcagataag atgaaagaag ggtcagattc ttctgtatcc     360
tcagaaaaag gaggccggct tcctactccc aagctgagag aacttggtgg aatccagagg     420
actcatcatg atctcactac tccagctggt ggtggtgctg ttttagtgct tccatctaag     480
atgaagcctc cagccccaga acagaggaaa agaatagacct ctcaggattg tttagaaact     540
tcaaagaatg attttactaa gaaagaaaagt cgtgctgtat ccctactgac ttctccagct     600
gctgggtataa aaacagttga tcctctgcct ttgcgggaag attctgaaga caatatccac     660
aaatttgctg aggcaactct tccagtttca aaaattccaa aatacccaac aaatccccct     720
ggacagttgc cttctccacc acatgttcca tcctactggc atccctctcg acgaattcag     780
ggctctctta gagatccaga gtttcagcac aatgtgggaa aagcaaggat gaacaatttg     840
cagttacctc aacatgaagc ctttaatgat gaagatgagg acagattgtc tgagatttct     900
gctcgctctg cagcttctag tctccgggct tttcaaactc tggcacgagc taagaaaagg     960
aaggagaatt tctggggtaa aacataaacc tagctgagtt gcctttatct aaggaaacat    1020
tggcataatt tttctttatt gcttactgtg ttaaaatttt ttgagtgaag tttttcctaa    1080
cattttctac tttgaaatat ttaatttcca atagaacagt ttacttgga attgttaaca    1140
taggcttata caaatttaac ttttaaagaa ttctttttac atctatccca gagtacaaaag    1200
acctagatta ttgaattctt cacatgtaac tttcgtaata ggtgtcatgg atagattttc    1260
acctatccag agagtattct aaaaaaataa acaaagtga gtaaaagtta agatcccagt    1320
gtgaagtata tattccccta agatttgata tatgtatctt tataattgat gatgttgaaa    1380
atgaatttgg tgggtcccctt aacccttgcc tgtagtgtt ctttttattt tagttccctt    1440
cctatacatg tttgccagtg ttaagataat tgtactttga aaacaccag ctgtatatat    1500
ttttccttat ttatgtaacg aaagtgtgct gaaagatatg tatatttttg atctttgagt    1560
gtattctatt tgtgtaagga ctttggttga catttgaata atgtctagat tttgaaaaat    1620
tacctgtata atggagaatt aaaactttgt agacattttg aaataaaaaat ggatcaagtg    1680
c
```

<210> 8384

<211> 3730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3413)...(343)

<223> similar to gi219942 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8384

tttttttttt	ttccattata	atagccatct	ttatttgtaa	aaatccagat	ataaaatgta	60
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ccccgctgtc	atttccacag	atggatgggt	ttcaggcagc	cctccccctt	ccccccatag	180
agctacatgc	ttcattccag	gacgtcttgc	ttccccacat	gctgcgggtg	tttcttacca	240
gggtagagtt	ccaaaactcca	agactgaagt	acacaaagag	ggggtagggg	tcggatgcag	300
agtgtgtggc	ctgatgtctc	acggcgtgca	ggacgggggg	ctaatagtag	gtttccttct	360
ccaccagcc	gccagggcgt	cgcctgatga	tgagttttct	gacttcgtca	tatacgaaga	420
tgagaagaga	gtaggggaag	gcacagaacc	accaggtagg	tttgagggga	tacatcctaa	480
gagcaacacc	cattccaggg	cagtaggaaa	ggaaagcagc	cagggctgtc	tcttcaaaga	540
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gaaccatgtc	agtgcctcaag	tcaatgcaga	ggatgggtgac	agtccccagt	ggtagtggaa	1020
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aagcaatgga	tttcttcaag	ttatcaaaga	tcagacgacc	ttcctctact	ccagtcacaa	1140
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cagcaatccc	catagcaacc	ccaatgtctg	ctttcttcaa	agctggagag	tcattcacac	1260
cgtcaccagt	cacagccacg	atagcaccct	gtctttggca	gccttccaca	atgatgagct	1320
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tgccttctga	gatgatgccc	acacctttgg	caatagcttt	agctgtgatt	ggatgggtctc	1560
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aacgggtctag	gatcctttct	ggggcgccct	tcacaccaa	caggtgttgg	ggctccgatg	1920
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ccagcccaga	agcaagtgtg	gcaattcttc	ccatcacagt	gcgatcccca	gtgtagacaa	2640
caataccacg	tgcggtgcct	tcaacacaa	ttgttgaaaa	gaaggcaatg	ttcctcgtct	2700
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tgatctttga	acttttagct	tcttgatagt	aggagaagca	accagttatg	attacaacgg	3000
ctgatagcac	cacaccagag	tacagattat	cgttttgagg	ttcctcttct	gtagcagctt	3060
ggatgctata	agccaagaaa	caaagaatcg	ctccaatcca	cagtaacatt	gagaaccccc	3120
caaagagctg	ccgacaaaac	ttgatccatt	caggagtagt	gggaggggga	gtgagggcgt	3180
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gttctgaaac	agctgcaggc	tcatacttat	cacgtccaac	ccccttcccc	atggtggcgg	3420

tgctcagtgc	ccggcgccgg	gtcctgtcgc	tggagaatca	gagagaaaag	cacagagcag	3480
ctccccggcg	agcgagcggg	accaggggag	ccaagtggag	ggagctaggg	ctgccgcggg	3540
gcgggagggg	gggagcgggc	cgcggtctcg	gccgatgccg	ccgccgctgt	tgctgccgcc	3600
gccccgggctc	gtaccgctgt	tgccacgtgt	ccgttcctct	caagatgctt	tcgaacagca	3660
actgctttct	taattaaatg	gtagagatct	tcaggaagat	caggagcaag	tcccttagac	3720
ttaagaattc						3730

<210> 8385

<211> 1517

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1340)...(300)

<223> similar to gi34388 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8385

tttttttttt	ttcttgtgac	gtcattttat	tttcagctac	atagacatct	ttctcatgta	60
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gacttatctc	tattatacag	agttataata	taaaaatgat	ttaaaggcta	tatttttcag	180
catgtaggta	gctacactgt	aatcctgttg	aagaaacttt	cctattttaag	cttataggat	240
gaaaatatat	aattaaagt	ttctgatcat	agcttgagac	catcaaggga	atgttttagtt	300
tcctccacaa	agagccacca	ggattttctc	ataatctcct	ttggtttcat	ccaggatggc	360
ttggcaaagg	gagataccat	acatcttctg	atagaatgct	ttgatatcat	tcatgtcaat	420
ttcagaacgg	gaaaccataa	tcctgatcaa	tgccttatgg	cgagttccaa	cacctttcat	480
ggcttgatga	agcttctctg	caaagaaagc	tggtttgctt	gtggcgact	tcacgatagc	540
tgtgaggcat	ttctcaatgt	cacctttcaa	ctccagggtc	agaactttgt	tcatgtcatg	600
cttactgtac	ttgggtgtatt	tctgaaacac	tctgcgaagt	tgtggatagc	ttctgggtgg	660
aaggatggta	ttgaacacgt	ttacgtctgt	cccctttctc	ctttctcctg	cttcatacaa	720
ggccctggca	tctgaatcag	ccaagtcttc	attcacacca	aagtcctcag	atcggtcacc	780
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ggccagatct	ctcttcagtt	cctctctgta	gaccctgtta	atgtctctga	ttctcttggt	900
agttcttgat	gccaaaatct	caattagagt	atcttcatca	gttccaaggc	ccttcatggc	960
agcacgaagt	tcatcagcat	caaattgcgc	tggagttttt	agcagagcta	aaacaacctc	1020
ctcaagggtga	cctgtaaggg	ctttcttcag	tgtttcatcc	aggggctttc	ctgtttctctg	1080
gagatatgct	gctttgatct	gttgacgctg	tgcattgttt	cgcttagtta	gaatgtcaat	1140
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cacagtttga	acataattcct	gctcttcatt	ttcaataaac	caggcctgct	tgaggaattc	1320
tgataccatt	gccatttttg	aaaaagtgtc	tttatctcta	ccttcttgca	aagaactaaa	1380
gagaaattct	tctctgaaga	tttcacactg	gcagtggaga	cttgggcttc	tgattttata	1440
ggatttttaa	ggaagccaca	cctagcaacc	agaagttagt	aattggctgc	cttctgtttg	1500
aagtacatgg	ctcagct					1517

<210> 8386
 <211> 1256
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (50)...(808)
 <223> similar to gi386988 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8386
ggtggaattc cacccccagc gggcgcgggc cggagcacgg gcacccagca tgggggtact    60
gctcacacag aggacgctgc tcagtctggt ccttgcactc ctgtttccaa gcatggcgag    120
catggcggct ataggcagct gctcgaaaga gtaccgcgtg ctccttgccc agtccagaa    180
gcagacagat ctcatgcagg acaccagcag actcctggac ccctatatac gtatccaagg    240
cctggatgtt cctaaactga gagagcactg cagggagcgc cccggggcct tccccagtga    300
ggagaccctg agggggctgg gcaggcgggtg cttcctgcag accctcaatg ccacactggg    360
ctgcgtcctg cacagactgg ccgacttaga gcagcgctc cccaaggccc aggatttgga    420
gaggtctggg ctgaacatcg aggacttgga gaagctgcag atggcgaggc cgaacatcct    480
cgggctcagg aacaacatct actgcatggc ccagctgctg gacaactcag acacggctga    540
gcccacgaag gctggccggg gggcctctca gccgccacc cccaccctg cctcggatgc    600
ttttcagcgc aagctggagg gctgcaggtt cctgcatggc taccatcgct tcatgcactc    660
agtggggcgg gtcttcagca agtgggggga gagcccgaac cggagccgga gacacagccc    720
ccaccaggcc ctgaggaagg ggggtgcgcag gaccagaccc tccaggaaag gcaagagact    780
catgaccagg ggacagctgc cccggtagcc tcgagagcac cccttgccgg tgaaggatgc    840
ggcaggtgct ctgtggatga gaggaacat cgcaggatga cagctcccgg gtccccaaac    900
ctgttccccct ctgctactag ccaactgagaa gtgcacttta agaggtggga gctgggcaga    960
ccccctacc tcctccaggc tgggagacag agtcaggctg ttgcgctccc acctcagccc   1020
caagttcccc aggcccagtg ggggtggccgg gcggggccacg cgggaccgac ttccattga   1080
ttcaggggtc tgatgacaca ggctgactca tggccgggct gactgcccc ctgccttgct   1140
ccccgaggcc tgccggctct tccctctcat gacttgacag gccgttgccc ccagacttcc   1200
tcctttccgt gtttctgaag gggaggtcac agcctgagct ggcttcctat gcctca     1256
  
```

<210> 8387
 <211> 500
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (143)...(427)
 <223> similar to gi2407950 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8387
tttcgtggag gagtttcagc ggatgcagat tcttttctctg tcacccaggc tatagtgtgc    60
  
```

aggggcacga	tctcagctca	ctgcaacctc	cacctcccgg	gttcaagtga	ttctcctatc	120
tcagcttccc	tagtagctgg	gattacaggc	tcagctcctg	gaactccgga	caaacaacta	180
ccagctttca	gatgaactac	gcaagaatgg	tgttgaaactc	accagtcttc	gacagaaggt	240
cgctacttg	gataaggagt	tcagcaaagc	tcagaaggca	ctgagcaaga	gcaagaaagc	300
tcaggaagtc	gaggtattgc	tgagtgaaaa	tgagatgctg	caggcaaagc	tgacagacca	360
ggaggaggac	ttccgtttgc	agaacagcac	actaatggcc	gagttcagca	agctctgcag	420
ccagatggaa	cagctggagc	aagagaacca	gcaactgaag	gagggggctg	caggagcagg	480
ggttgcccaa	gctggggccc					500

<210> 8388

<211> 2325

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (77)...(1565)

<223> similar to gi37187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8388

tcccgcgtcg	acgatttcgt	cacctcacc	tgcggtgccc	agctgcccag	gctgaggcaa	60
gagaaggcca	gaaaccatgc	ccatggggtc	tctgcaaccg	ctggccacct	tgtacctgct	120
ggggatgctg	gtcgcttcc	gcctcggacg	gctcagctgg	tatgaccag	atttccaggc	180
aaggctcacc	cgttccaact	cgaagtgcc	gggccagctg	gaggtctacc	tcaaggacgg	240
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tcaagcgtca	aaagtctgcc	agcggtgaa	ctgtgggggtg	cccttaagcc	ttggcccctt	360
ccttgtcacc	tacacacctc	agagctcaat	catctgctac	ggacaactgg	gctccttctc	420
caactgcagc	cacagcagaa	atgacatgtg	tcaactctctg	ggcctgacct	gcttagaacc	480
ccagaagaca	acacctccaa	cgacaaggcc	cccggccacc	acaactccag	agcccacagc	540
tcctcccagg	ctgcagctgg	tggcacagtc	tggcgggccag	cactgtgccg	gcgtggtgga	600
gttctacagc	ggcagcctgg	ggggtaccat	cagctatgag	gccaggaca	agaccagga	660
cctggagaac	ttcctctgca	acaacctcca	gtgtggctcc	ttcttgaagc	atctgccaga	720
gactgaggca	ggcagagccc	aagaccaggg	ggagccacgg	gaacaccagc	ccttgccaat	780
ccaatggaag	atccagaact	caagctgtac	ctccctggag	cattgcttca	ggaaaatcaa	840
gccccagaaa	agtggccgag	ttcttgccct	cctttgctca	ggtttccagc	ccaaggtgca	900
gagccgtctg	gtggggggca	gcagcatctg	tgaaggcacc	gtggaggtgc	gccagggggc	960
tcagtgggca	gccctgtgtg	acagctcttc	agccaggagc	tcgctgcggt	gggaggaggt	1020
gtgccgggag	cagcagtgtg	gcagcgtcaa	ctcctatcga	gtgctggacg	ctggtgacct	1080
aacatcccgg	gggctcttct	gtccccatca	gaagctgtcc	cagtgccacg	aactttggga	1140
gagaaattcc	tactgcaaga	aggtgtttgt	cacatgccag	gatccaaacc	ccgcaggcct	1200
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tggggagcgg	cgtctcagtg	aaatcggtt	tctcctcaga	ctctgtccct	ggtaaggagt	1920
gacaaggaag	ctcacagctg	ggcgagtgc	ttttgaatag	ttttttgtaa	gtagtgtctt	1980
tcctccttcc	tgacaaatcg	agcgcttttg	cctcttctgt	gcagcatcca	cccctgcgga	2040
tcctctggg	gaggacagga	aggggactcc	cggagacctc	tgcagccgtg	gtggtcagag	2100
gctgtccacc	tgagcacaaa	gacagctctg	cacattcacc	gcagctgcca	gccaggggtc	2160
tgggtgggca	ccaccctgac	ccacagcgtc	acccactcc	ctctgtctta	tgactcccct	2220
ccccaacccc	ctcatctaaa	gacaccttcc	tttccactgg	ctgtcaagcc	cacagggcac	2280
cagtgcacc	cagggccctg	cacaaagggg	cgcctagtaa	acctt		2325

<210> 8389

<211> 1519

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (405)...(1318)

<223> similar to gi5817855 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8389						
cccgggtcga	cgatttcgtg	agaagtgagg	ctgagtgagg	tggggtctgc	agggatccag	60
gtgggagggg	cccagccagc	caaggtcagg	cccagcccc	caaggtcagg	cccagcccct	120
cggcaggagg	acggggaccg	cggccttttg	gcagggctga	cttggcactg	accacaagg	180
aggccctttt	gcaatagggg	aaaataagcc	agatggataa	aggaagtgct	ggtcaccctg	240
gaggtgcact	ggtttgggga	aggctcctgg	ccccacagc	cctcttcgga	gcctgagccc	300
ggctctcctc	actcacctca	acccccaggc	ggccccctca	cagggcccct	ctcctgcctg	360
gacggctctg	ctgggtctccc	cgtccccctg	agaagaacaa	ggccatgggt	cggcccctgc	420
tgtgcccct	actgcccctg	ctgctgcgc	cagcatttct	gcagcctagt	ggctccacag	480
gatctggtec	aagctacctt	tatggggctc	ctcaacaaaa	acacctctca	gcctccatgg	540
gtggctctgt	ggaaatcccc	ttctccttct	attacccttg	ggagttagcc	acagctccc	600
acgtgagaat	atcctggaga	cggggccaact	tccacaggca	gtccttctac	agcacaaggc	660
cgccttccat	tcacaaggat	tatgtgaacc	ggctctttct	gaactggaca	gagggtcaga	720
agagcggctt	cctcaggatc	tccaacctgc	agaagcagga	ccagtctgtg	tatttctgcc	780
gagttgagct	ggacacacgg	agctcaggga	ggcagcagtg	gcagtccatc	gaggggacca	840
aactctccat	caccaggtct	gtcacgacca	ccaccagag	gcccagcagc	atgactacca	900
cctggagggt	cagtagcaca	accaccacaa	ccggcctcag	ggtcacacag	ggcaaacgac	960
gctcagactc	ttggcacata	agtctggaga	ctgctgtggg	ggtggcagtg	gctgtcactg	1020
tgtcgggaat	catgattttg	ggactgatct	gcctcctcag	gtggaggaga	aggaaagggtc	1080
agcagcggac	taaagccaca	accccagcca	gggaaccctt	ccaaaacaca	gaggagccat	1140
atgagaatat	caggaatgaa	ggacaaaata	cagatcccaa	gctaaatccc	aaggatgacg	1200
gcacgtctta	tgcttccctt	gcccctctca	gtccacctc	acccagagca	cctcccagcc	1260
accgtcccct	caagagcccc	cagaacgaga	ccctgtactc	tgtcttaaag	gcctaaccac	1320
tggacagccc	tctcaagact	gaatgggtgag	gccaggtaca	gtggcgacac	cctgtaatcc	1380
cagctactct	gaagcctgag	gcagaatcaa	gtgagcccag	gagttcaggg	ccagctttga	1440
taatggagcg	agatgccatc	tctagttaaa	aatatatatt	aacaataaag	taacaaattt	1500
aaaaaaaaaa	aaaaggggg					1519


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<210> 8390
<211> 2195
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (47)...(1591)
<223> similar to gi3341996 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8390
cagggcagcc ttcagtctga ttcaggagaa cgaggtcctc ttcaccatgt gcttcatccc      60
cctgggtctgc tggatcgtgt gcactggact gaaacagcag atggagagtg gcaagagcct      120
tgcccagaca tccaagacct ccaccgcggt gtacgtcttc ttcttttcca gtttgctgca      180
gccccgggga gggagccagg agcacggcct ctgcgcccac ctctgggggc tctgctcttt      240
ggctgcagat ggaatctgga accagaaaat cctgtttgaa gagtccgacc tcaggaatca      300
tggactgcag aaggcggatg tgtctgcttt cctgaggatg aacctgttcc aaaaggaagt      360
ggactgcgag aagttctaca gcttcatcca catgactttc caggagtctt ttgccgccat      420
gtactacctg ctggaagagg aaaaggaagg aaggacgaac gttccagggg gtcgtttgaa      480
gcttcccagc cgagacgtga cagtccttct ggaaaactat ggcaaattcg aaaaggggta      540
tttgattttt gttgtacgtt tcctcttttg cctggtaaac caggagagga cctcctactt      600
ggagaagaaa ttaagttgca agatttctca gcaaatcagg ctggagctgc tgaaatggat      660
tgaagtgaag gccaaagcta aaaagctgca gatccagccc agccagctgg aattgttcta      720
ctgtttgtac gagatgcagg aggaggactt cgtgcaaagg gccatggact atttccccaa      780
gattgagatc aatctctcca ccagaatgga ccacatgggt tcttctcttt gcattgagaa      840
ctgtcatcgg gtggagtcac tgtccctggg gtttctccat aacatgcccc aggaggaaga      900
ggaggaggaa aaggaaggcc gacaccttga tatggtgcag tgtgtcctcc caagtcctc      960
tcatgctgcc tgttctcatg gattggggcg ctgtggcctc tcgcatgagt gctgcttcca      1020
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cctcgggtgac ttcggaatca gacttctgtg tgtgggactg aagcacctgt tgtgcaatct      1140
gaagaagctc tggttggtga attctgcctt acgtcagctc gttgttcagc tttgtcctcg      1200
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agggatcaaa ctactctgtg agggactctt gcaccccgac tgcaagcttc aggtgttgga      1320
attagacaac tgcaacctca cgtcacactg ctgctgggat ctttccacac ttctgacctc      1380
cagccagagc ctgcgaaagc tgagcctggg caacaatgac ctgggcgacc tgggggtcat      1440
gatgttctgt gaagtgtgta aacagcagag ctgcctcctg cagaacctgg ggttgtctga      1500
aatgtatttc aattatgaga caaaaagtgc gttagaaaca cttcaagaag aaaagcctga      1560
gctgaccgtc gtctttgagc cttcttggtg ggagtggaaa cggggctgcc agacgccagt      1620
gttctccggt ccctccagct gggggccctc aggtggagag agctgcgac catccaggcc      1680
aagaccacag ctctgtgatc cttccggtgg agtgtcggag aagagagctt gccgacgatg      1740
ccttctctgt cagagcttgg gcactctcct aacgccccgg gtgaggaaga caccaggaca      1800
atggacagcc atcgggtgtt gttcctcatc acagcgccct cagttagagg atgttctct      1860
tgggtgacct atgtaattag ctcatccaat aaagcacttt ctttattttt ctcttctctg      1920
tctaactttc ttttctctat ctttttttct tctttgttct gtttactttt gctcatatca      1980
tcattcccgc tatctttcta ttaactgacc ataacacaga actagttgac tataatattat      2040
gttgaaattt tatggcagct atttatattt ttaaaatttt tgtaatatgt ttgttttcta      2100
ataagaaaaa tccatgcctt ttgtagctgg ttgaaaattc aggaatatgt aaaacttttt      2160
gggtatttaat taaattgatt ccttttctta atttt      2195

```

<210> 8391
 <211> 1761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (206)...(1406)
 <223> similar to gi950412 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8391
acgtccgtgg gggctctgcaa tggccacctt tagccgccag gaatttttcc agcagctact    60
gcaaggctgt ctctgccta ctgcccagca gggccttgac cagatctggc tgctccttgc    120
catctgcctc gcctgccgcc tcctctggag gctcgggttg ccatacctacc tgaagcatgc    180
aagcaccgtg gcaggcgggt tcttcagcct ctaccacttc ttccagctgc acatggtttg    240
ggtcgtgctg ctcagcctcc tgtgctacct cgtgctgttc ctctgccgac attcctccca    300
tcgaggcgtc ttcctatccg tcaccatcct catctaccta ctcatgggtg agatgcacat    360
ggtagacacc gtgacatggc acaagatgcy aggggcacag atgattgtgg ccatgaaggc    420
agtgtctctg ggcttcgacc tggaccgggg cgagggtggg acgggtgccct cgccagtggg    480
gttcatgggc tacctctact tcgtgggcac catcgtcttc gggccctgga tacccttcca    540
cagctaccta caagctgtcc aaggccgccc actgagctgc cgggtggctgc agaagggtggc    600
ccggagcctg gcaactggccc tgcgtgtgct tgtgctgtcc acttgctggg gcccctacct    660
cttcccgtac ttcaccccc tcaacgggtga ccgctcctt cgcaacaaga aacgcaaagc    720
caggggcacc atggtaagggt ggctgcgagc ctacgagagt gctgtctcct tccacttcag    780
caactatatt gtgggctttc tttccgaggc cacggccacg ttggcggggg ctggctttac    840
cgaggagaag gatcacctgg aatgggacct gacggtgtcc aagccactga atgtggagct    900
gcctcgggtca atgggtggaag ttgtcacaag ctggaacctg cccatgtctt attggctaaa    960
taactatggt ttcaagaatg ctctccgcct ggggaccttc tcggctgtgc tggtcaccta   1020
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ctgtgtcttg tcaaagcggg gcccgccaga ctgttcgcac cagcatcgct tgggcctggg   1200
ggtgcgagcc ttaaacttgc tctttggagc tctggccatc ttccacctgg cctacctggg   1260
ctccctgttt gatgtcgatg tggatgacac cacagaggag cagggctacg gcatggcata   1320
cactgtccac aagtgggtcag agctcagctg ggccagtcac tgggtcactt ttggatgctg   1380
gatcttctac cgtctcatag gctgaggcac atctgtggac cctcataacc ctcttaagac   1440
ccctctcagg gtgccactga tgggggatga ggggaaggccc tctctctact ccttgacccc   1500
ctccatcctt gaccccccaac acctcaacac acacacacac acacacacac aaaatcacac   1560
cattttcatg cctgtcaatc cccacccac cacaaggcag gaaggggggtg gtgcctgctg   1620
gggcctagag ggggatgctt ggggaaacag agaaggggag atccagggcc tccccgcctt   1680
ccttcttcct ttttatatac aatttgttat tgtcaaataa aagtaggaaa tattcaaaaa   1740
aaaaaaaaag gggggggccg t                                     1761

```

<210> 8392
 <211> 1803
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(796)

<223> similar to gi3661527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8392

gagcccagcc	gagcgtccgc	cgctgcccgt	gcgcctctgc	gcctccgcgc	catggccggc	60
ctcaactccc	tggaggcggg	gaaacgcaag	atccaggccc	tgcagcagca	ggcggacgag	120
gcggaagacc	gcgcgcagg	cctgcagcgg	gagctggacg	gcgagcgcg	gcggcgcgag	180
aaagctgaag	gtgatgtggc	cgccctcaac	cgacgcatcc	agctcggtga	ggaggagttg	240
gacagggttc	aggaacgact	ggccacggcc	ctgcagaagc	tggaggaggc	agaaaaagct	300
gcagatgaga	gtgagagagg	aatgaagggt	atagaaaacc	gggccatgaa	ggatgaggag	360
aagatggaga	ttcaggagat	gcagctcaaa	gaggccaagc	acattgcgga	agaggctgac	420
cgcaaatacg	aggaggtagc	tcgtaagctg	gtcatcctgg	agggtagagc	ggagagggca	480
gaggagcgtg	cggagggtgc	tgaactaaaa	tgtggtgacc	tggagaaga	actcaagaat	540
gttactaaca	atctgaaatc	tctggaggct	gcatctgaaa	agtattctga	aaaggaggac	600
aaatatgaag	aagaaattaa	acttctgtct	gacaaactga	aagaggctga	gaccctgtgt	660
gaatttgcag	agagaacggg	tgcaaaactg	gaaaagacaa	ttgatgacct	ggaagagaaa	720
cttgcccagg	caaagaaga	gaacgtgggc	ttacatcaga	cactggatca	gacactaaac	780
gaacttaact	gtatataagc	aaaacagaag	agtcttggtc	caacagaaac	tctggagctc	840
cgtgggtctt	tctcttctct	tgtagaagt	tccttttggt	attgccatct	tcgctttgct	900
ggaaatgtca	agcaaattat	gaatacatga	ccaaatatatt	tgtatcggag	aagctttgag	960
caccagttaa	atctcattcc	ttcccttttt	ttttcaaagt	gcaccagctt	tttcagctct	1020
cttatttttt	ccttaagtag	catttattcc	taaggtaggc	agggatattc	ctagtaagca	1080
tactttctta	agacggaggc	catttggttc	ctggggagaat	aggcagcccc	acactttgaa	1140
gaatacagac	cccagtatct	agtcgtggat	ataattaaaa	cgctgaagac	cataaccttt	1200
tgggtcaact	gttgggtcaaa	ctataggaga	gaccagggac	catcacatgg	gtagggatct	1260
tccatccaga	gccaataaaa	ggactggtgg	gggccggggg	tggctattgt	gggaagtcat	1320
aacccacaga	tagaatcaac	taagaatcct	ggcccttctc	cactctccac	catgcaggac	1380
aaacatcttc	tcaagcagtc	aacgtagaat	gcttgggaaa	tagtcataat	taccacata	1440
tagtaattaa	tagatggtaa	ttaattgatc	cttgatgtga	tgttcttttg	catatttcct	1500
tcattctaaa	gttgttccct	ggccggggagc	gttggctttc	gcctgtaatc	ccaacacttt	1560
gggaggccag	gacagatcac	ttgaggtcag	gagttcgaga	ccagcccagc	caacatggcg	1620
aaacatgtc	tctactaaaa	atacaaaaat	tatggtgacg	cctgcctgta	gtcccagcta	1680
ctcgggaggc	tgaggcagga	ggatcgcttg	aaccaggaa	gtggagactg	cagtgaagccg	1740
atatcgacc	acagcgctcc	agcctggctg	acagagttag	actccatctc	aagaaaaaaa	1800
aaa						1803

<210> 8393

<211> 2176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1779)...(656)

<223> similar to gi4689266 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 8393
ccaaaaatct acttgccata attgtttgta tgagctttgg gaatatattg atagttacag      60
acaattcagt gaaacttaga ggcaaccaca caatcacgag tatctgtaag tattcagttt      120
tcaaactgaa cagggctcac acccgtcaga caccagaaa gaataaggac aaatcccttg      180
tttattatta aaaactcata taggatgctt tttttataga tacacagtta actatgtaca      240
aaataaaaaa aaggaaaacc aatctactaa aatatattaa ctctaagaaa atcagatctt      300
attcctgttt ctccatacta ggcataatta ttttcaaagc tatacaatac gaagtttatc      360
agtcttatct gtttgccata acatcattat gaattttctc ttttaaaaat ggcaataaca      420
agtgacttat gttctaataa aatttggatc acagctagca aatgaaagac tatgagactc      480
aatcactttt aatcattaag tttgtgttag tctttattaa aaacaaaaaa taactaaaat      540
ttcagacagc gatgtacata atatatataa gaatataccc aaaaaagtaa atttctacca      600
ccctcgcaac gcagaaatct caatgggtta ttctatacca aatccaagtg tttacatcca      660
agatgtcaca gaggtaactt ccttttgtac cttattgagc tctggaaaca gttcctgtat      720
cacaatgtcc aataaaacat aagtcagctg cttgttgagt actggttgct gtaagccatc      780
aaacagaagt ctgatgcttt catacttggg ttcttcacca atacacttga ctaacagatc      840
tggaatgtaa ttcatcattt cttcaaaagt ctgttttgct cctttttgct tatcttgagg      900
agagcgaggt tcagtgtttt cacagaatat agcatctctg agaagtgtta tgagtggagc      960
caaacgggtg tcttgaaata gctgttctag tttacactga agatagtaat cagtatacat     1020
ttccaggggtg tttttaaaga ggattcgagt tcccattaag agatgatgaa gccagtcagg     1080
aacctggaaa actaccgctc ctacatacat caggtaatca tagactcctt ctacagtcac     1140
cacctccata aaataattct gattttgctt tctctctgta ttttcagcac ggtttgcat      1200
attttttaac agatcattga aaagcttctt gttgttttct gaagtagggc tgagaatggg      1260
cagttctggg ctacttgggt taggcttttg agactcacia gaattaatga aattcatgat      1320
aaaagggtcc aaatgctgac ctttctcttt cattagtttt ccaggaacag attttataat      1380
tttcccaaga tttacatctg gtagtatctt atcaagaaat tgtgtttccc caccattagg      1440
ggaaagaaaag tctgccagaa gttgactatt actcagttct ggatgctgca gaagtttctg      1500
tagatattct tggaactctt ccctctttga ctttaagaat tcataatttt tggggccaat      1560
gatcctctta gaaggaagct gggcatcagg aaatgcacca tgaaattctg ttagttttga      1620
ttcaagtaca tagaattcaa gatatcttct atagacagac caatgttcag gctcgtgtcc      1680
aactgctctt ctatcatttc tttcaacatc aatacaaaac acaggaattc tttctttttt      1740
ctccttcctt tcagaggagg gatcctcaaa aaagtctaca tatggaatgc taattttcca      1800
tgcagcaagg tttcggggag tattaggtgt gctcacagcc tccactggag aatcatcttc      1860
cattacaaca ataccttctt caataaaatc atcttcacct tcagctacac cataattagg      1920
caacatagct ccctccattg tgggtacttt gaatactcct ttaattttgc tacctattct      1980
gctgattcca aatgattctc cccttttctg tgtgttccga aaatcatcca aacttaggct      2040
acctctgttc aattttgaat tgcgtgttgg tgattctgcc cctcttaaaa gttgtctgaa      2100
atactcatcc ctatggcaga acataggagt aaatacatc tccaaaaggg aaagaacatg      2160
ttcatatgct cggacg                                     2176

```

<210> 8394

<211> 2312

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (180)...(1862)

<223> similar to gi4884130 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 8394
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ccaccaagga aggtgatttg ccccaggtgg agcgcttctt caagatcttc ccactgctgg     180
gtttgcatga ggagggatta agaaagttct cggagtacct ttgcaagcag gtggccagta     240
aagctgagga gaatctgctc atggtgctgg ggacagacat gagtgatcgg agagctgcag     300
tcattcttgc agatacactt actcttctgt ttgaagggat tgcccgcatg gtggagacct     360
accagccaat agtggagacc tattatgggc cagggagact ctataccctg atcaaatac     420
tgcaggtgga atgtgacaga caggtggaga aggtggtaga caagtctatc aagcaaaggg     480
actaccacca gcagttccgg catgttcaga acaacctgat gagaaattct acaacagaaa     540
aaatcgaaac aagagaactg gaccccatcc tgactgaggt caccctgatg aatgcccgca     600
gtgagctata cttacgcttc ctcaagaaga ggattagctc tgattttgag gtgggagact     660
ccatggcctc agaggaagta aagcaagagc accagaagtg tctggacaaa ctctcaata     720
actgcctttt gagctgtacc atgcaggagc taattggctt atatgttacc atggaggagt     780
acttcatgag ggagactgtc aataaggctg tggctctgga cacctatgag aagggccagc     840
tgacatccag catggtggat gatgtcttct acattgttaa gaagtgcatt gggcgggctc     900
tgtccagctc cagcattgac tgtctctgtg ccatgatcaa cctcgccacc acagagctgg     960
agtctgactt cagggatggt ctgtgtaata agctgcggat gggctttcct gccaccacct    1020
tccaggacat ccagcgcggg gtgacaagtg ccgtgaacat catgcacagc agcctccagc    1080
aaggcaaat tgacacaaaa ggcacgcaga gtactgacga ggcgaaagtg tccttccttg    1140
tgactctgaa caacgtggaa gtctgcagtg aaaacatctc cactctgaag aagacactgg    1200
agagtgactg caccaagctc ttcagccagg gcattggagg ggagcaggcc caggccaagt    1260
ttgacagctg cttttctgac ttggccgccc tgtccaacaa attccgagac ctcttgagg    1320
aagggtgac ggagctcaac agcacagcca tcaagccaca ggtgcagcct tggatcaaca    1380
gctttttctc cgtctccac aacatcgagg aggaagaatt caatgactat gaggccaacg    1440
acccttgggg acaacagttc atccttaacc tggagcagca aatggcagag ttcaaggcca    1500
gcctgtcccc ggtcatctac gacagcctaa ccggcctcat gactagcctt gttgccgtcg    1560
agttggagaa agtgggtgctg aaatccacct ttaaccgggt ggggtggtctg cagtttgaca    1620
aggagctgag gtcactcatt gcctacctta ccacggtgac cacctggacc atccgagaca    1680
agtttgcccc gctctcccag atggccacca tcctcaatct ggagcgggtg accgagatcc    1740
tcgattactg gggacccaat tccggcccat tgacgtggcg cctcaccctt gctgaagtgc    1800
gccaggtgct ggccctgcgg atagacttcc gcagtgaaga tatcaagagg ctgcgcctgt    1860
agctgcctgg atgagcacac ctggtctatc acacttgag gcctgttccc taaggggccc    1920
cagccaagga gctgagcgag gctgtcgggc ttgggggaga tctgacagcc cagacctttc    1980
tacggctggc agcagagaaa caaagtctgg acccactcca tgctctgccc tcagacctgg    2040
ccaggtgatg ctctgggggc agcatctccc caccgagaga agcgggctcc taatgagggtg    2100
ggaaagccac ggcaggcagc gagcagccca ggccagcttt ctgcatggat ggtcagctc     2160
ttgccctcaa acactacagc aaacaagcta cccctgccag tcctagacaa cttgggtaca     2220
tctggggacc tagcagttag gcttgacttt gaggagaggc tgtgatgttt atgatccctg     2280
aataaagcta ctcttgagg agaaaaaaaa aa                                     2312

```

<210> 8395

<211> 2840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1278)...(1811)

<223> similar to gi5738523 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8395
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gcggcctggg  tggctactgc ccctgctgct gtcgtaggcg aggacggctg ttagtgctgc      120
tgctgttggg  tcgtcgcggc ggcgaaggag gaggaggaag agggcgaggc gacaagagaa      180
gaaggaggca  ggcgcggcgg cagcggcggc gccccgagcc ggcggaggcg agggggggga      240
agatggcgga  cgtgcttagc gtccctgcgac agtacaacat ccagaagaag gagattgtgg      300
tgaaggggaga cgaagtgatc ttcggggagt tctcctggcc caagaatgtg aagaccaact      360
atgttgtttg  ggggactgga aagggaaggcc aaccagaga gtactacaca ttggattcca      420
ttttatttct  acttaataac gtgcaccttt ctcatcctgt ttatgtccga cgtgcagcta      480
ctgaaaatat  tcctgtgggt agaagacctg atcgaaaaga tctacttgga tatctcaatg      540
gtgaagcgtc  aacatcggca agtatagaca gaagcgctcc cttagaaata ggtcttcagc      600
gatctactca  agtcaaacga gctgcagatg aagtttttagc agaagcaaag aaaccacgaa      660
ttgaggatga  agagtgtgtg cgcttgata aagagagatt ggctgcccgt ttggagggtc      720
acaaagaagg  gattgtacag actgaacaga ttaggtcttt gtctgaagct atgtcagtgg      780
aaaaaattgc  tgcaatcaaa gccaaaatta tggctaagaa aagatctact atcaagactg      840
atctagatga  tgacataact gcccttaaac agaggagttt tgtggatgct gaggtagatg      900
tgacccgaga  tattgtcagc agagagagag tatggaggac acgaacaact atcttacaaa      960
gcacaggaaa  gaatttttcc aagaacattt ttgcaattct tcaatctgta aaagccagag     1020
aagaagggcg  tgcacctgaa cagcgacctg ccccaaattg agcacctgtg gatcccaact     1080
tgcgcaccaa  acagcctatc ccagctgcct ataacagata cgatcaggaa agattcaaaag     1140
gaaaagaaga  aacggaaggc ttcaaaattg acactatggg aacctaccat ggtatgacac     1200
tgaaatctgt  aacggagggg gcatctgccc ggaagactca gactcctgca gccagccag     1260
taccaagacc  agtttctcaa gcaagacctc ccccaaatac gaagaaagga tctcgaacac     1320
ccattatcat  aattcctgca gctaccacct ctttaataac catgcttaat gcaaaaagacc     1380
ttctacagga  cctgaaattt gtcccatcag atgaaaagaa gaaacaaggt tgtcaacgag     1440
aaaatgaaac  tctaatacaa agaagaaaag accagatgca accagggggc actgcaatta     1500
gtgttacagt  accttataga gtagtagacc agccccttaa acttatgcct caagactggg     1560
accgcgttgt  agccgttttt gtgcagggtc ctgcatggca gttcaaagg tggccatggc     1620
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gctatcacia  acgtcatttg gatagaccag tggtcttacg ggtttgggaa acattggaca     1800
ggtacatggg  aaagcataaa tcgcacttga gattctgaat tattttggctc ctccatttct     1860
ggaaattgag  actcaagctt tatgaattta tcaagaactt aaaaatgaag aagggtcacag     1920
attgatcttt  tataagacct tatttgatgc tttgtgcttc aaggagatga tacctgtcat     1980
ccatataagc  aaactttttg gcttacaact atttttttta tattagcctt ctagtctgta     2040
atggaaattg  tatattttga tagaagtttt ttctccattg gttaaattag cattacttaa     2100
aatttgtttc  tttagaaaat aaatgcaggg tataaatgtg tgtatattta gagattataa     2160
ggctctctga  gcccatcttc tggatttttc catggctcct ataaattctt tttactggaa     2220
aatactatgt  ttatgaatgg tattaatttt tagtcctctg gaacatccca aaacccaagc     2280
aaagggatgt  gactattttg aatgaatcag aatgtcaact tgtatgtaca ctatatctac     2340
acttactcat  tatttaaaaa gaataatgaa aaatctagat caattcttca atttgattga     2400
actgttcagc  cttttcaaga tttttttatt tacaaatgat tacattttaa tgaatgtaca     2460
ttcttctcac  tgactttggg gattttgaaa cctagaatga tgtgtttcta tctgtaatat     2520
ctttccattt  gaaaaaaatc tcaaaacaca gattaaacc acaataggct gtagtatttt     2580
ttattttggg  agccagagta tgatttgggg gaagaatatg tatcagccct attgcagtat     2640
aactttaagc  tccttttctc ttttagtcac ttttgattgt aatttttatg gtataggatt     2700
ttgaatcttc  tattttaggc ttgtcagtc tggagtctct atcttccatt atccctaaat     2760
attgataaac  tcccaggcac caaagaaaac atttgcttaa ttgtctgaaa agaaacaaga     2820
gaaaaacact  ggtatttttg                                     2840
```

<210> 8396
 <211> 1630
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (94)...(1097)
 <223> similar to gi3947712 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8396

gaattccccg	gtcgacgatt	tcgtggcagt	caggcctccc	cgctctgtgc	tacctgcggc	60
ccggctctcc	tccgcgcccc	cactcgcgct	gcgatgacgc	gctcactgtt	caagggaaac	120
ttttggagtg	cagacatcct	cagcaccatc	ggctatgaca	acattatcca	acatctgaac	180
aatggccgca	agaactgcaa	agagtttgaa	gacttttctaa	aagaaagggc	agcaattgaa	240
gagaggtatg	gcaaagatct	gctcaacctc	tctaggaaga	agccgtgtgg	acagtctgaa	300
atcaacaccc	tgaagcgggc	ccttgaagtc	ttcaagcagc	aagtagacaa	tgtggcacaa	360
tgtcacattc	agcttgcaca	gagttaaga	gaagaggcca	ggaagatgga	agaattcagg	420
gaaaagcaaa	aactacaacg	aaaaaagaca	gagctcataa	tggatgctat	ccataaacia	480
aagagcttac	aattcaagaa	aaccatggat	gcaaagaaga	actatgagca	gaaatgccgg	540
gacaaagatg	aggcagaaca	ggccgtcagc	cggaagtcca	acctggtgaa	cccgaagcaa	600
caagaaaagc	tttttgtgaa	actggcaact	tcaaagaccg	cagtagagga	ctcagacaaa	660
gcatacatgc	tgacatcggg	caccctggat	aagggtccgag	aagagtggca	gagtgcagac	720
atcaaggcct	gcgaggcatt	tgaggctcaa	gaatgtgaac	gaataaactt	cttccggaat	780
gcattgtggt	tacatgtgaa	tcagctgtca	caacaatgtg	tcaccagtga	tgaaatgtac	840
gaacaagtcc	gaaagagttt	agaaatgtgc	agcattcaga	gggacattga	atactttgtg	900
aatcaacgca	aaactggaca	gattccacca	gcacccatca	tgtatgagaa	tttctactcc	960
tcccagaaga	atgcagtccc	agcaggaaag	gctacagggc	ctaacttggc	aaggagagga	1020
ccctcccaa	ttcctaaaag	ctcaccagat	gatcccaatt	actctttggt	tgatgactac	1080
agtttgctct	atcagtaaaa	tcaatgaaac	cagagctttt	tccggctagt	gcttctgtga	1140
tatggaaagg	gcacccagag	cagcaggacc	tatagccacg	ttatgtcagc	aatgaagact	1200
ttgaagtga	cccttgctat	aatttttttag	agatttaaaa	tttatggtag	acatttagga	1260
caacataagc	aagtagagtt	ctgcagtttt	ttgaagttaa	caaattgccc	cattctgaag	1320
aattattctt	tcccagttac	tcaggttatg	aatgaattag	gttttcaaca	tggaagcat	1380
gaaatccact	tctggatttg	gagcatccac	ttgaggagca	gaggtggcag	cagaggattc	1440
tgagccacca	actgcagtag	tggctccttt	ggctttgggc	agcctggctg	tggagtcttc	1500
acggcgacac	acagcctcag	tgggtgcaaga	tttaaaatta	ccttcctttt	tggctggaag	1560
acttagaagc	cgctgatca	tactttctca	ttttacagat	gaggaaataa	agcctacaag	1620
tgtgaaatta						1630

<210> 8397
 <211> 1950
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (53)...(1586)
 <223> similar to gi3875246 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8397

cgactggcct	tgagggagag	ctggggcctg	ctccccgaga	gatacggcta	tgtcgatcga	60
aatcgaatct	tcggatgtga	tccgccttat	tatgcagtac	ttgaaggaga	acagtttaca	120
tcgggcgtta	gccaccttgc	aggaggagac	tactgtgtct	ctgaatactg	tggacagcat	180
tgagagtttt	gtggctgaca	ttaacagtgg	ccattgggat	actgtgttgc	aggctataca	240
gtctctgaaa	ttgccagaca	aaacctcat	tgacctctat	gaacagggtg	ttctggaatt	300
gatagagctc	cgtgaattgg	gtgctgccag	gtcacttttg	agacagactg	atcccatgat	360
catgttaaaa	caaacacagc	cagagcgata	tattcatctg	gagaaccttt	tggccaggtc	420
ttactttgat	cctcgtgagg	catacccaga	tggaagtagc	aaagaaaaga	gaagagcagc	480
aattgcccag	gccttagctg	gcgaagtcag	tgtggcgctc	ccatctcgtc	tcattggcatt	540
gctgggacag	gcactgaagt	ggcagcagca	tcagggtattg	cttcctcctg	gtatgaccat	600
agattttgtt	cgaggcaagg	cagctgtcaa	agatgtggaa	gaagaaaagt	ttcctacaca	660
actgagcagg	catattaaagt	ttggtcagaa	atcacatgtg	gagtgtgctc	gattttctcc	720
agatggtcag	tattttggtca	ctgggtctgt	tgatggattc	attgaagtat	ggaactttac	780
tactggaaaa	atcagaaaagg	atcttaagta	ccaggcccaa	gataacttta	tgatgatgga	840
tgatgctgtc	ctctgcatgt	gtttcagcag	agatacagaa	atgttagcaa	ctggggccca	900
agatggaaaa	atcaaggtgt	ggaagattca	gagtggacaa	tgtttaagga	gatttgagag	960
ggcacacagt	aaggggtgtca	cctgtctaag	cttttctaag	gatagcagtc	agatccttag	1020
tgcttctttt	gaccagacaa	ttagaattca	tggtttaaaa	tctgggaaaa	ccctgaagga	1080
atttcgtggc	cattcctcct	ttgttaacga	agcaacattt	acacaagatg	gacattacat	1140
tattagtgc	tcctctgatg	gcactgtaaa	gatctggaat	atgaagacca	cagaatgttc	1200
aaataccttt	aaatccctgg	gcagcaccgc	agggacagat	attaccgtca	acagtgtgat	1260
tctacttcct	aaaaaccctg	agcactttgt	ggtgtgcaac	agatcaaaca	cggtgggtcat	1320
catgaacatg	caggggcaga	ttgtcagaag	cttcagttct	ggtaaaagag	aaggtgggga	1380
ctttgtttgc	tgtgccctct	ctccccgtgg	tgaatggatc	tactgtgtag	gggaggactt	1440
tgtgctctac	tgtttcagta	cagtacttgg	caaactggag	agaactttga	cagtgcacga	1500
gaaggatgtg	attggtattg	cacatcacc	tcacagaaac	ctgattgcta	cctacagtga	1560
agatggactc	ctaaagctct	ggaaaccata	attcaacttt	tctttttaaa	tcagctcgaa	1620
agcatgtact	taaatgaagc	atattcatgt	aatgtgcttt	tttttttttt	tggccccctt	1680
tttaaaaaaa	aaaaaagggc	gaaaataacc	ccaaaaaaat	ttgggaaaaa	ttaaggttta	1740
aaaaccacc	cccctttttt	ttttaaaaaa	ttttaagggg	attaatttat	tttttttaaa	1800
ggggggggcac	ccttaaaagg	ttcaaaaaac	cccccccg	gaaggggaaa	accggatttt	1860
tttaaaaaaa	aattcccccc	cccttttatt	tggaaagggg	ggggaaaagg	cccccccaa	1920
aaaaaaactt	ggaaaaaagg	aacttttcat				1950

<210> 8398
 <211> 1535
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (114)...(722)
 <223> similar to gi857682 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8398
tttcgtcgcg tggacccgaa agccgctggg aaaagtttac ccaaggtcca gcctagcccc 60
taggcaccat gtcggacagt gatctaggtg aggacgaagg cctcctctcc ctggcgggca 120
aaaggaagcg cagggggaac ctgccaagg agtcggtgaa gatcctccgg gactggctgt 180
acttgaccg ctacaacgcc taccctcag agcaggagaa gctgagcctt tctggacaga 240
ccaacctgtc agtgctgcaa atatgtaact ggttcatcaa tgcccggcgg cggcttctcc 300
cagacatgct tcggaaggat ggcaaagacc ctaatcagtt taccatttcc cgccgcgggg 360
gtaaggcctc agatgtggcc ctccccctg gcagcagccc ctcagtgtg gctgtgtctg 420
tcccagcccc caccaatgtg ctctccctgt ctgtgtgtc catgccgctt cactcaggcc 480
agggggaaaa gccagcagcc ctttccccc gtggggagct ggagtctccc aagcccctgg 540
tgacccttg tagcacactt actctgctga ccagggtga ggctggaagc cccacaggtg 600
gactcttcaa cagccacca cccacacccc cagagcagga caaagaggac ttcagcagct 660
tccagctgct ggtggaggtg gcgctacaga gggctgctga gatggagctt cagaagcagc 720
aggaccatc actccatta ctgcacactc ccatccctt agtctctgaa aatccccagt 780
aggcatctgc caagaagggt gctgaaggct ccagccagct gtcctgggtt tccgttttgg 840
ttccctttca tacagagggt tttctatgga tcaactgcaa acattgggat catctcctct 900
gtccagaggt cttcaacagg aagatgccag ctggcaccac tgcactgtga tgggggccct 960
ctcctctgct gactctgccg tttctccagg cctccgctca gtgatgagac caagagatcg 1020
gagacaagca tgggtgctgct gcttctgctg cttctccaga aaatccctgg gacacctttg 1080
ttccagcctg gtttccctgg ctgggctcag gaaagctgcc aaattcagtc ctatgttggg 1140
tccaagctgc ccctgtgctg tttctgtcaa gccagggtgtg gacattccaa gttcatatgc 1200
gtgaacaaaa gaaaagagga acccagtgga tgtaacagaa ccgactccag ttgaatgttt 1260
agatttttgc taaactcgtt ttctttttcc cttttttgct gtggtttgca ttcacggcag 1320
tagttagccc aggtgtgggg aacgagagt cactgcatga tagcgttctg gtgagctggg 1380
aaggacccca ccactgccac tgaggattgt tttggaagaa aggaatattt ttatcttggg 1440
gaccagctaa gtctctgcag tagtgtgaaa ttccaaatgg ttgttttatc attggtttgg 1500
tttaccaaaa aaaaggcagg gaaaaaaaaa aaaaa 1535

```

<210> 8399

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (226)...(884)

<223> similar to gi3859936 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8399
gtcgacgatt tcgtgctgct ggcttctgct gctgcggtgt cgatgtcgcg gccagggcca 60
agccgcttcg agttcacagg cggaacccct gcaggcggcg cccctacgc gaggtcaccc 120
ctgggaagga gcgcagccca cccggccctt ccgcatccga gcaggacgcc cgtctcctct 180
ccctgaggat ttcaggtctc cctgtcccag gaggttgtg ccaagatggc atcagctgga 240
gacaccagg caggcccacg ggatgcagca gatcagaact tcgactatat gttcaaactg 300

```

ctactgatag	gcaacagcag	tgtgggcaag	acttccttcc	tggtccgata	cgcggaacgac	360
tccttcactc	ccgccttcgt	cagtactgtg	ggcatcgatt	tcaaggtcaa	gaccgtctac	420
cgccatgaca	agaggatcaa	gctgcagatc	tgggacacag	cgggccagga	gcgctaccgc	480
accatcacca	cggcctacta	ccggggagcc	atgggcttcc	tgctcatgta	tgacatcgcc	540
aatcaggaat	cctttgccgc	tgtgcaggac	tgggccacgc	aaatcaagac	ctactcctgg	600
gacaacgccc	aggtcatcct	ggtggggaac	aagtgtgacc	tggaggacga	acgtgtttgtg	660
cctgctgagg	atggccggag	gctcgccgac	gaccttggtt	tcgagttctt	tgaagccagt	720
gccaaaggaga	acatcaacgt	gaagcaggtc	ttcgagcgcc	tggtggatgt	catctgcgag	780
aagatgaacg	agtccttgga	accagctcc	agctcaggca	gcaacgggaa	aggcccggcc	840
gtgggggatg	ctccagcccc	ccagcccagc	agctgcagct	gctagagatg	gcccccaacc	900
ccccacccac	ccctctcctg	cctcggcagg	gactgtgatc	gaggcgtgag	ccacagtggg	960
tatctccaag	ctcagggcaa	tcccttccct	cctgtcaact	gctccccgac	tcctgcatgg	1020
ctcatttcctt	cacaatgtcg	ccgtggctgc	caggttcctc	aggcagcccc	ggtgggaggc	1080
tgcgggacat	ggggactcag	ctctgcatgg	caggcagagg			1120

<210> 8400

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (54)...(300)

<223> similar to gi2584789 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8400

atttcgtatc	cgagtgaggc	gacggggtag	gggttggcgc	tcaggcggcg	accatggcgt	60
atcacggcct	cactgtgcct	ctcattgtga	tgagcgtgtt	ctggggcttc	gtcggcttct	120
tggtgccttg	gttcatccct	aagggtccta	accggggagt	tatcattacc	atgttggtga	180
cctgttcagg	ttgctgctat	ctcttttggc	tgattgcaat	tctggcccaa	ctcaaccctc	240
tcttttgacc	gcaattgaaa	aatgaaacca	tctggtatct	gaagtatcat	tggccttgag	300
gaagaagaca	tgctctacag	tgctcagtct	ttgaggtcac	gagaagagaa	tgcccttctag	360
atgcaaaaac	acctccaaac	cagaccactt	ttcttgactt	gcctgttttg	gccattagct	420
gccttaaacg	ttaacagcac	atttgaatgc	cttattctac	aatgcagcgt	gttttccttt	480
gccttttttg	cacttttggtg	aattacgtgc	ctccataacc	tgaactgtgc	cgactccaca	540
aaacgattat	gtactcttct	gagatagaag	atgctgttct	tctgagagat	acgttactct	600
ctccttggaa	tctgtggatt	tgaagatggc	tcctgccttc	tcacgtggga	atcagtgaag	660
tgtttagaaa	ctgctgcaag	acaaacaaga	ctccagtggg	gtggtcagta	ggagagcacg	720
ttcagagggga	agagccatct	caacagaatc	gcaccaaact	atactttcag	gatgaatttc	780
ttctttctgc	catcttttgg	aataaatatt	ttcctccttt	caaaaaaaaa	a	831

<210> 8401

<211> 1141

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (162)...(1093)
 <223> similar to gi5459204 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8401
 tttcgttaagg tggactcgcg aatgttaggc ctgtgggtgc catagcgacc gggagggttg 60
 gctggccaga ttcagctgcc gggaccggac caggtgctta ggagaacatg cagtagaact 120
 tttcatcaaa caaatggaac acgtcacaga attttgctaa catggacaac tctgcacaga 180
 aaaatgaacg cactggcaaa catcccagac gtgccagtga agtacagaaa ggttttactg 240
 ctgcatatcc aacacaatcc tccattcctt ttaaatctca agcttcagta atcccagaat 300
 cagaaaaaaa aggattcaat agtcaagcca agagatttcc tcataagaag aatgatatcc 360
 caggacctgg gttctacaat gttattcacc agtcaccggg gtccaacagt gtctcattgt 420
 ccaagaaaagg aacttgacag tttccctcga tgtgcgcccg attggacacc atcatttcta 480
 aataccctgc agcgaacgca tacactatcc catcggattt tatttccaag agagacttta 540
 gtaattcgtg ttccagcatg ttccagttgc caagctttat gaaagctctc aagtttgaaa 600
 ctctgcacc aaactattac aatgcctctg tctcttgctg caagcagaga aacaacgtct 660
 gtactcgagc cgggtttatg tcaaaaaccc aaagaggatc tttcgctttt gctgataaag 720
 gacctcccc agggcattat gatatcaacg aatcccttgt gaagcagtcg ccaaatacat 780
 taatgtcttg ttttaaatca aaaaccaacc gtggattaaa actgacgtca acaggcccgg 840
 gacctgggta ttacaacccc agtgattgca caaaagtcc aaaaaagact cttttcccga 900
 aaaaccccat cctgaacttc tctgctcagc ctctgcctct gcctccgaag ccacctttcc 960
 caggtcctgg tcagtatgag atcgtggact acttaggcc cgcgaagcat ttcattctcta 1020
 gtgcatcatt cgtgtccaat accagccggg ggacagcggc gccgcctcag ccaggcctgc 1080
 ctggcccgac tacgtacaag ccagagcttc caggaaagca gtccttcctc tactacgagg 1140
 a 1141

<210> 8402
 <211> 1916
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (65)...(1027)
 <223> similar to gi4038076 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8402
 accgcgcctt ccggttcgac gataccatgg caggcggcgg ctgcagggca ggtccagggg 60
 ccacatggct gaggggggacg caggagcga ccagaggcag aatgaggaaa ttgaagcaat 120
 ggcagccatt tatggcgagg agtgggtgtg cattgatgac tgtgccaaaa tattttgtat 180
 tagaattagc gacgatatag atgaccccaa atggacactt tgcttgacag tgatgctgcc 240
 gaatgaatac ccagggtacag ctccacctat ctaccagttg aatgctcctt ggcttaaagg 300
 gcaagaacgt gcggatttat caaatagcct tgaggaaata tatattcaga atatcgggtga 360

aagtattctt	tacctgtggg	tggagaaaat	aagagatggt	cttatacaaa	aatctcagat	420
gacagaacca	ggcccagatg	taaagaagaa	aactgaagag	gaagatgttg	aatgtgaaga	480
tgatctcatt	ttagcatgtc	agccggaaag	ttcggttaaa	gcattggatt	ttgatatcag	540
tgaaactcgg	acagaagtag	aagtagaaga	attacctccg	attgatcatg	gcattcctat	600
tacagaccga	agaagtactt	ttcaggcaca	cttggctcca	gtggtttgtc	ccaaacagggt	660
gaaaatgggt	ctttccaaat	tgtatgagaa	taagaaaata	gctagtgcc	cccacaacat	720
ctatgcctac	agaatatatt	gtgaggataa	acagaccttc	ttacaggatt	gtgaggatga	780
tggggaaaca	gcagctgggt	ggcgtcttct	tcatctcatg	gagattttga	atgtgaagaa	840
tgtcatgggt	gtagtatcac	gctgggtatg	agggattctg	ctaggaccag	atcgctttaa	900
acatatcaac	aactgtgcc	gaaacatact	agtggaaaag	aactacacaa	attcacctga	960
ggagtcatt	aaggcttttg	gaaagaacaa	aaaagtaaga	aaagacaaga	agaggaatga	1020
acattaatac	ctgaaactat	aggaaagggt	aatttgccct	taattatata	tacattccat	1080
agtcattcaag	gaatatattg	tgagagagaa	gtatccttga	ctgcttaagt	cagccagttc	1140
agcatggata	ccaacattag	cttttcttct	tggttatatc	atctgccaaa	aatagagAAC	1200
ttatgatcta	ttcatgtgtg	tttcaggctt	atttggggaga	actaatttga	acttaatcac	1260
catttcatt	aatttttagca	aggtaacagt	tgcccagggc	agtacctgga	attaactgtc	1320
catttcagta	catgtcaagt	gcctttgtta	ggtggagaag	aaatgtctct	agaggaatat	1380
aaatacctga	tttctgggtc	atcgagattc	ttgtactgtt	aaatgaatat	tgctttttac	1440
tgctctttat	ggcttatttg	aataggagct	catttaagat	tgatcttgga	gagtttcttc	1500
ttgtgatttt	agttcataag	tatgtcacct	ttcattttat	agtgttcac	attgagtaat	1560
ggattaagt	aaaatccagg	agtatccatc	tgcatgttat	tgctgaggtg	ataattcatc	1620
caacatattt	gttagcataa	atattatgct	tcagtttctg	ttgcaaattg	gtgattgtga	1680
aattacagaa	agtgattttc	tagtctgctt	tttttgttta	attcttgtaa	tgtaagcaat	1740
aaatatggag	tgctcagtagt	ctccttccac	cccagaaatg	tggtgggtga	acattctcgt	1800
ttcttttaac	aacctggaag	tacctttctt	gtgatcttca	ctgaggaatt	agaactatga	1860
tagaagttag	gctgtggcaa	atgggacatt	cgtagagtgg	gatagagggtg	gcagat	1916

<210> 8403

<211> 1916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (206)...(1762)

<223> similar to gi5059425 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8403

tttcgtgagg	cgcttataag	ggaagatggt	cagtcaactt	ggaaaaattg	gaacaacccg	60
gaaagtagac	tcacgtctt	ggtctagaga	ctgacccttg	cacagacaga	ccccttcccc	120
tctctgcgaa	aggaccaagc	cccagaagtc	actccatctc	ctacggctcg	caatttccag	180
aggccccctg	gcaccttcca	gcctgatgtc	gtgcgtcaag	ttatggccca	gcggtgcccc	240
cgcccccttg	gtgtccatcg	aggaaactgga	gaaccaggag	ctcgtcggca	aaggcgggtt	300
cggcacagt	ttccgggcgc	aacataggaa	gtggggctac	gatgtggcgg	tcaagatcgt	360
aaactcgaag	gcgatatcca	gggagggtcaa	ggccatggca	agtctggata	acgaattcgt	420
gctgcgccta	gaaggggtta	tcgagaaggt	gaactgggac	caagatccca	agccggctct	480
ggtgactaaa	ttcatggaga	acggctcctt	gtcggggctg	ctgcagtccc	agtgcctcgt	540
gccttggecg	ctcctttgcc	gcctgctgaa	agaagtgggt	cttgggatgt	tttacctgca	600
cgaccagaac	ccggtgctcc	tgcaaccggga	cctcaagcca	tccaacgtcc	tgccggacc	660

agagctgcac	gtcaagctgg	cagatTTTgg	cctgtccaca	tttcagggag	gctcacagtc	720
agggacaggg	tccggggagc	cagggggcac	cctgggctac	ttggccccag	aactgtttgt	780
taacgtaaac	cggaaggcct	ccacagccag	tgacgtctac	agcttcggga	tcctaattgtg	840
ggcagtgtt	gctggaagag	aagttgagtt	gccaaaccgaa	ccatcactcg	tgtacgaagc	900
agtgtgcaac	aggcagaacc	ggccttcatt	ggctgagctg	ccccaaagccg	ggcctgagac	960
tcccggctta	gaaggactga	aggagctaata	gcagctctgc	tggagcagtg	agcccaagga	1020
cagaccctcc	ttccaggaat	gcctaccaa	aactgatgaa	gtcttccaga	tgggtggagaa	1080
caatatgaat	gctgctgtct	ccacggtaaa	ggatttcctg	tctcagctca	agagcagcaa	1140
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aaccatagaa	aaccagcact	ctcgtaatga	tgtcatgggt	tctgagtggc	taaacaaact	1260
gaatctagag	gagcctccca	gctctgttcc	taaaaaatgc	ccgagcctta	ccaagaggag	1320
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ctcaactgga	acaccaagtc	ctggaccccg	agggaatcag	ggggctgaga	gacaaggcat	1500
gaactggctc	tgcaggacct	cggagccaaa	tccagtaaca	gggcgaccgc	tcgttaacat	1560
atacaactgc	tctgggggtgc	aagttggaga	caacaactac	ttgactatgc	aacagacaac	1620
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accagtaggt	tcgcaagaag	gccctaaaga	tcttgaagcc	tggagcaggc	cacaggggtg	1740
gtataatcat	agcgggaaat	aaagcacctt	ccaagcttgc	ctccaagagt	tacgagttaa	1800
ggaagagtgc	cacccttga	ggccctgac	ttccttctag	ggcagtctgg	cctgcccaca	1860
aactgacttt	gtgacctgtc	ccccaggagt	caataaacat	gatggaatgc	taaaaa	1916

<210> 8404

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(1609)

<223> similar to gil050527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8404

cacaggctga	gtgctgcggc	gcgacccctg	cttccctgag	cgttggcccc	ggaggaaaga	60
agatggtgct	ggatctggat	ttgtttcggg	tggataaagg	aggggaccca	gccctcatcc	120
gagagacgca	ggagaagcgc	ttcaaggacc	cgggactagt	ggaccagctg	gtgaaggcag	180
acagcgagtg	gcgacgatgt	agatttcggg	cagacaactt	gaacaagctg	aagaacctat	240
gcagcaagac	aatcgagag	aaaatgaaga	aaaaagagcc	agtgggagat	gatgagtctg	300
tcccagagaa	tgtgctgagt	ttcgatgacc	ttactgcaga	cgctttagct	aacctgaaag	360
tctcacaaat	caaaaaagtc	cgactcctca	ttgatgaagc	catcctgaag	tgtgacgcgg	420
agcggataaa	ggtggaagca	gagcggtttg	agaacctccg	agagattggg	aaccttctgc	480
acccttctgt	acccatcagt	aacgatgagg	atgtggacaa	caaagtagag	aggatttggg	540
gtgattgtac	agtcaggaag	aagtactctc	atgtggacct	ggtggtgatg	gtagatggct	600
ttgaaggcga	aaagggggcc	gtggtggctg	ggagtcgagg	gtacttcttg	aagggggctc	660
tggtgttcct	ggaacaggct	ctcatccagt	atgcccttcg	caccttgga	agtcggggct	720
acattcccat	ttatacccc	tttttcatga	ggaaggaggt	catgcaggag	gtggcacagc	780
tcagccagtt	tgtatgaaga	ctttataagg	tgattggcaa	aggcagtga	aagtctgatg	840
acaactccta	tgatgagaag	tacctgattg	ccacctcaga	gcagccatt	gctgccctgc	900
accgggatga	gtggctccgg	ccggaggacc	tgcccatcaa	gtatgctggc	ctgtctacct	960

gcttccgtca	ggaggtgggc	tcccatggcc	gtgacacccg	tggcatcttc	cgagtccatc	1020
agtttgagaa	gattgaacag	tttgtgtact	catcacccca	tgacaacaag	tcattgggaga	1080
tgtttgaaga	gatgattacc	accgcagagg	agttctacca	gtccctgggg	attccttacc	1140
acattgtgaa	tattgtctca	ggttctttga	atcatgctgc	cagtaagaag	cttgacctgg	1200
aggcctgggt	tccgggctca	ggagccttcc	gtgagttggt	ctcctgttct	aattgcacgg	1260
attaccaggc	tcgccggctt	cgaatccgat	atgggcaaac	caagaagatg	atggacaagg	1320
tggagtttgt	ccatatgctc	aatgctacca	tgtgcgccac	taccctgacc	atctgcgcca	1380
tcctggagaa	ctaccagaca	gagaagggca	tactgtgcc	tgagaaattg	aaggagttca	1440
tgccgccagg	actgcaagaa	ctgatcccct	ttgtgaagcc	tgcgccatt	gagcaggagc	1500
catcaaagaa	gcagaagaag	caacatgagg	gcagcaaaaa	gaaagcagca	gcaagagacg	1560
tcaccctaga	aaacaggctg	cagaacatgg	aggtcaccga	tgcttgaaca	ttcctgcctc	1620
cctatttgcc	aggctttcat	ttctgtctgc	tgagatctca	gagcctgccc	aacagcaggg	1680
aagccaagca	cccattcatc	cccctgcccc	catctgactg	cgtagctgag	aggggaacag	1740
tgccatgtac	cacacagatg	ttcctgtctc	ctcgcatggg	catagggacc	catcattgat	1800
gactgatgaa	accatgtaat	aaagcatctc	tggggaggga	aaaaaaaa		1849

<210> 8405

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1085)...(572)

<223> similar to gi5824649 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8405

tttttttttt	ttgggagttg	agattttaat	atcataaatc	ggtgtggggc	cacacctctc	60
actgccaggc	ccgtgggcct	cctatcttca	tattgcctgg	aaggctgcct	gcagccaggg	120
cttcccccat	cccctaggaa	ggatccagca	ccagcctgag	aaggggaggca	acagcagcta	180
aagggggtggg	aggaggagga	gacagaagca	tgtgctgcag	gcgcatgtgt	gtatgtactt	240
acatgtgtga	acacatataa	agtgtcaggt	ttacagaccc	tggtcgaagg	acagtctagg	300
atgggaaagg	aggtaggggc	agaagaagca	catattttct	ccctgggtgct	tcagcctcac	360
cctatccaag	ggacagacat	atgggggtgtg	agaaacccat	ccccagggtcc	cagccttcag	420
gactggagtc	cttttgagtc	tgggtggagtc	acagatccag	tctttggggg	acactgggtc	480
tgtctccttt	tgaaagccct	ggaaagggtg	gaggtaagaa	gtaaaggagg	acaggtccct	540
gctagaagaa	cttgacgcct	cgggccatcg	ctgacagtga	tgatctcggc	cttgtgctcc	600
tgctgtaggg	cctgcagagc	ccgcagtaga	gtggcttcat	ccagcccgtg	gaactcctca	660
tcctctgtgt	cttccccatt	agtcagttca	tacagggtaa	agacggagtt	gttctggcca	720
ctcctggaaa	cccactgata	gatgagtttc	ccccattctt	ctggcctccg	ccacatgatc	780
aggaagctgg	acttgtctct	atccaaccac	tcgaggttcc	ctttcttcct	cagttcctct	840
aatacaatct	ggatcgactc	cacaggaagc	tttcgctgta	gcttgacggt	gttgaagagc	900
gggtctcct	gagcttccat	caccgtcatg	ctggactgtt	tgtgcaggcg	gcagaaggac	960
aggaccagcg	agcaccaggc	ggccagctgc	ttctgccgag	tgtccacatt	cggttgtaac	1020
gtaaagaagg	gtgggaagcg	atactgccac	ggccactcga	aactcatcgc	catcgtagta	1080
gcccagcggg	cgcgtggg					1098

<210> 8406
 <211> 2657
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (176)...(1579)
 <223> similar to gi3879146 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8406

gcgcacgtgg	tacggaaccg	gcgccgcgct	tgctgctggt	aacagggcct	tgccatagtgg	60
gccttccttc	ccaggctgcc	cgctcagctctc	cactagagac	aggactgacc	agttgctctt	120
ccttccaaga	accttcgaga	tctgcggtct	ggggtctggt	tgaaagatgg	cgccctcac	180
taccctgttt	aagtacatag	atgaaaatca	ggatcgctac	attaagaaac	tcgcaaaatg	240
ggtggctatc	cagagtgtgt	ctgcgtggcc	ggagaagaga	ggcgaaatca	ggaggatgat	300
ggaagttgct	gctgcagatg	ttaagcagtt	ggggggctct	gtggaactgg	tgatatcgg	360
aaaacaaaag	ctccctgatg	gctcggagat	cccgtccct	cctattctgc	tcggcaggct	420
gggctccgac	ccacagaaga	agaccgtgtg	catttacggg	cacctggatg	tcgagcctgc	480
agccctggag	gacggctggg	acagcgagcc	cttcaccctg	gtggagcgag	acggcaagct	540
gcatgggaga	ggttcgactg	atgataaggg	cccgtgggcc	ggctggataa	acgccctgga	600
agcgtatcag	aaaacaggcc	aggagattcc	tgtcaacgtc	cgattctgcc	tcgaaggcat	660
ggaggagtca	ggctctgagg	gcctagacga	gctgattttt	gcccggaaag	acacattctt	720
taaggatgtg	gactatgtct	gcatttctga	caattactgg	ctgggaaaga	agaagccctg	780
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agacctccat	tctgggggtg	acgggggctc	ggtgcatgag	gccatgactg	atctcatttt	900
gctgatgggc	tcttttggtg	acaagagggg	gaacatcctg	atccccggca	ttaacgaggc	960
cgtggccgcc	gtcacggaag	aggagcacia	gctgtacgac	gacatcgact	ttgacataga	1020
ggagtttgcc	aaggatgtgg	gggcgcagat	cctcctgcac	agccacaaga	aagacatcct	1080
catgcaccga	tggcgggtacc	cgtctctgtc	cctccatggc	atcgaaggcg	ccttctctgg	1140
gtctggggcc	aagaccgtga	ttcccaggaa	ggtggttgcc	aagttctcca	tcaggctcgt	1200
gccgaacatg	actcctgaag	tcgtcggcga	gcaggtcaca	agctacctaa	ctaagaagtt	1260
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tggtgttgag	ccagacttga	ccagggaagg	cggcagtatt	cccgtgacct	tgacctttca	1440
ggaggccacg	ggcaagaacg	tcagtgctgt	gcctgtgggg	tcagcggatg	acggagccca	1500
ctcccagaat	gaaaagctca	acaggtataa	ctacatagag	ggaaccaaga	tgctggccgc	1560
gtacctgtat	gaggtctccc	agctgaagga	ctaggccaag	ccctctgtgt	gccatctcca	1620
atgagaagga	atcctgccct	cacctcaccc	ttttccaact	tgcccaggga	agtggagggt	1680
ccctctttcc	tttcctctct	gtcaggtcat	ccatgacttt	agagaacaga	cacaagtgtg	1740
tccagctgtc	cacgggtgga	gctaccctgt	gggcttatga	gtgacctgga	gtgacagctg	1800
agtcaccctg	ggtaagttct	cagagtgggtc	aggatggctt	gacctgcaga	agatacccaa	1860
ggtccaaaag	cacaaggctc	gcggaaaagt	ctggttgctg	gctgggcacc	acggctcaca	1920
cctataatcg	agcacttttg	gaggccaaga	caggaggatc	acttgaggcc	aggagtctga	1980
gacaagccta	ggcaacaaaa	caagactctg	tctctacaaa	aagtttaaga	aatgagccag	2040
acatggtggt	gtatgcctgt	agtcccagcc	actcagaagg	ctgaggcagg	aggatcgctt	2100
gagaccaaga	gtttgagcct	gcggtgagct	gtgaatgcac	cacggcactc	aagcctgggc	2160
aatgtagcaa	gatcctgtct	ctacaagaaa	ttttttaaaa	atgagccaag	tgtggtggtg	2220
catgcctgta	gttccagcta	ctcaggacac	tgacgtagga	gggttgcttg	agactgagag	2280
ttggaggctg	cgatgagcca	tgaatgcccc	actgcactcc	agcctgggcg	acagaacgag	2340
accccatctc	aaaaaaaaata	agttctggtt	gtcattgaat	tgggataaac	agagagcttg	2400

atgctttctg	ccttctgtct	caggtgatgc	attgcacatt	tgggatattt	ggaaaggaaa	2460
tgaggaaaga	aattagggcc	tcctctgac	tctcgctatc	tgcgggtcct	gtccttttct	2520
caagaccttc	accattactg	gtgttttct	gtcttctctt	tagtatgatc	cctcaaaacc	2580
tcactaactg	gaaggatgat	tttgtctcag	tttgtactcc	taaataaaaa	gtaaacatga	2640
cacctctaaa	aaaaaaa					2657

<210> 8407

<211> 1244

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (98)...(688)

<223> similar to gi4688892 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8407

cagagacttt	gccaccacca	gtattgggga	tgctgagctg	cggggtacgg	gcctgaggag	60
ggatgggagt	aagaagtgt	gtggaaaccg	tcaggccatg	aaccaggctg	accctcggct	120
cagagcagtg	tgcttggtga	ctctcacatc	tgcagccatg	agcagaggcg	acaactgcac	180
ggatctactc	gcactgggaa	tcccctccat	aaccaggcc	tggggactgt	gggtcctctt	240
aggggctgtg	acgctgctat	ttctcatctc	gctggctgca	cacttgctcc	agtggaccag	300
gggccggagc	aggagccatc	cggggcaggg	acgctctgga	gagtctgtgg	aagaggtccc	360
gctgtatggg	aacctgcatt	atctacagac	aggacggctg	tctcaagacc	cagagccaga	420
ccagcaggat	ccaactcttg	gaggccctgc	cagggtgca	gaggaggtga	tgtgctatac	480
cagcctgcag	ctgcggcctc	ctcagggtcg	gatccccggt	cctggaaccc	ccgtcaagta	540
ctcggagggtg	gtgctggact	ctgagccaaa	gtcccaggcc	tcgggccccg	agccggagct	600
ctatgcctca	gtatgtgccc	agaccgcgag	ggcccgggcc	tccttccccg	atcaggccta	660
tgccaacagc	cagcctgcag	ccagctgaga	tggagggcct	ggcacagcgg	ggcgtgcact	720
gccccagccc	cccgtagcag	gggcatgact	gtttcccaac	cagcacccaa	agacgggcgc	780
cattgccaag	tcacaggatg	tgatctaccc	cggacttcct	atctgagctt	caagggagac	840
atctcagggc	aaagctttcg	tgatggagga	ggcaaagaca	gtagccccct	ccttatttct	900
tttttctatc	tgttctctct	agcccccaaa	ctcccagggt	ctcacttccc	ttttttgggg	960
ggtttaacca	gacctctccc	acccccgctc	cctcatagtc	tacccccacg	cctcagtgtc	1020
tcctcaggca	caggaagtgg	gcggtggggg	aggggtaagg	gcctgacagt	gagtgggtgg	1080
gtatattcct	caggagtcca	cagactggag	tggacctgga	acttagagac	gggagggacc	1140
cgagcctggc	ttttgacctc	agaaccctag	caggagaata	cagtctccat	cctgctgtct	1200
ctgtcctgtc	cccaagtttt	caaataaaac	tttccaaaaa	gtga		1244

<210> 8408

<211> 1467

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (146)...(1397)
 <223> similar to gi4584877 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```
<400> 8408
cggacgcgtg gggtcaccca gtcggctgga gtcggaggcg atatttctag ggggtgtactt    60
gttgggggtca gggtaagcac cagccacaaa aacctacaaa agaagggaaa ttactgtctt    120
taaatattaa aaaaaaacia gatccatgag tgggcatcga tcaacaagga aaagatgtgg    180
agattctcac ccggagtccc cagtgggctt cgggcatatg agtactacag gatgtgtatt    240
aaataaattg tttcagttac caacaccacc attgtcaaga caccaactaa agcggctaga    300
agaacacaga tatcaaagtg ctggacggtc cctgcttgag cccttaatgc aagggtattg    360
ggaatggctc gttagaagag ttccctcctg gattgcccc aatctcatca ccatcattgg    420
actgtcaata aacatctgta caactatctt attagtcttc tactgcccta cagctacaga    480
gcaggcacct ctgtgggcat atattgcttg tgctgtggc cttttcattt accagtcttt    540
ggatgctatt gatgggaaac aggcaagaag aaccaatagt agttctctc tgggagaact    600
ttttgatcat ggctgtgatt cactatcaac agtttttgtg gttcttgga cttgtattgc    660
agtgcagctg gggacaaacc ctgattggat gtttttttgt tgttttgcgg ggacatttat    720
gttctattgt gcgcactggc aaacgtatgt ttctggaaca ttgcgatttg gaataattga    780
tgtgactgaa gtgcaaatct tcataataat catgcatttg ctggcagtga ttggaggacc    840
accttttttg caatctatga ttccagtgtc gaatattcaa atgaaaattt ttctgcact    900
ttgtactgta gcagggacca tattttcctg tacaattac ttccgtgtaa tcttcacagg    960
tggtgttggc aaaaatggat caacaatagc aggaacaagt gtcctttctc cttttctcca   1020
tattggatca gtgattacat tagctgcaat gatctacaag aaatctgcag ttcagctttt   1080
tgaaaagcat ccctgtcttt atatactgac atttggtttt gtgtctgcta aaatcactaa   1140
taagcttgtg gttgcacaca tgacgaaaag tgaaatgcat ttgcatgaca cagcattcat   1200
aggtccggca cttttgtttc tggaccagta ttttaacagc tttattgatg aatatattgt   1260
actttggatt gccctggttt tctctttctt tgatttgatc cgctactgtg tcagtgtttg   1320
caatcagatt gcattctacc tgcacatata tgtcttcaga atcaaggtct ctacagctca   1380
ttctaatacat cattaatgat gtaaattggt atataggaac atccatgggt ttctgcccag   1440
gaaagaaagg taacatatta agggagt                                1467
```

<210> 8409
 <211> 1425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (224)...(674)
 <223> similar to gi3642702 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```
<400> 8409
cccgggtcga ctatttcgtg ttgtgccat ggagtcagcc gggctagagc agctcctacg    60
ggagctgctg ctaccggaca ccgagcgcat ccgtcgggcc acggaacagc tccagatcgt    120
tcttcgggcc cccgccgctt tgtcggctct ctgcgacctg ctagcctcgg cggccgaccc    180
```

ccagatccgc	cagtttgccg	ccgtgctgac	ccgcagacga	ctgaacaccc	gctggcgacg	240
gctggcgccg	gagcaacggg	agagcctcaa	gtccctgata	ctgacggccc	tgcagagaga	300
aacagagcac	tgtgtgagcc	tcagcctggc	ccagctctca	gccaccattt	ttcgaaagga	360
aggcttgagg	gcctggccac	agcttttgca	gctgcttcag	cacagtaccc	acagccccc	420
cagcccagag	agagagatgg	ggcttttgct	gctaagtgtg	gtggtgacct	cccggcccga	480
ggccttccaa	ccccaccacc	gggagcttct	tccgcttctg	aatgagactc	ttggtgaggt	540
gggctctcct	gggctgctct	tctactccct	gcgcactctg	accaccatgg	ctccctacct	600
cagcactgaa	gatgtgcctc	tcgctcggat	gttggtgccc	aagctgatca	tggccatgca	660
gactctgata	cccatagatg	aggcaaaggc	ctgtgaggcc	cttgaggctt	tggatgaact	720
gttgagagtca	gaggtgccgg	tcataccccc	ctacctctct	gaagtcctca	cattctgcct	780
ggaggtagct	agaaatgtgg	ccctgggcaa	tgcgatacgc	atacgatttc	tctgctgcct	840
cactttcttg	gtcaaagtca	agagcaaggc	cttactgaag	aatcgtctcc	tggcaaccct	900
tgtctcacac	ccttttcccc	attgtggctg	ctgagccccc	accaggccag	ttggatcccc	960
aggaccaagg	attcagaaga	ggaagagttg	gagattgagc	tgatggggga	gactcccaag	1020
catttcgctg	tacaagtgtg	ggacatgctg	gcactacacc	tgccccccga	gaagctctgt	1080
ccccagctga	tccccatggt	ggaagaggct	ttgcggagcg	aggagcccat	accagcgcaa	1140
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actgcttgcc	cccacttgct	tgcagattgt	gtgcaagggc	ctgggaggac	ccctcgcaag	1260
ttgttacgca	atgcttgccg	ttgttttgcc	ctggggccagt	ttttcagaaa	accttacagc	1320
cccatatcag	cagctatttc	aaggagggtg	atgccactgc	tcctcgccct	cttgaagtcg	1380
gtgcctattg	gacacacaca	ccacctagcc	aaggcctgct	gtatt		1425

<210> 8410

<211> 4588

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (658)...(1421)

<223> similar to gi4884136 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8410

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<210> 8411

<211> 6057

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(5536)

<223> similar to gil504002 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8411

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<210> 8412

<211> 1565

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1566)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (144)...(920)

<223> similar to gi5262511 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8412

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tattgagtgt	tgtagccact	agaattttaa	aatcaagttg	gatttataga	gtttgactag	1140
ttttttcgat	tagattttgta	tttgttataa	acttgtttat	ggagtttgac	taattttttc	1200
tattcaattt	gtatttgtta	aactcaagcc	agggtggaaa	gacactgcat	acgtttgtat	1260

tattagttag	aaggcatgaa	gacttttttc	cctgcttgga	gagtgtcata	agttattggt	1320
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tgggtcaaga	tgtccaattt	tccagagtaa	ggatagagga	gtcaaattca	aatacagggt	1440
ttctgacatt	aacttatgtg	atgacttgat	cgaggcaggc	ttttccagca	tcactgtcct	1500
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cgccg						1565

<210> 8413

<211> 2825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(2551)

<223> similar to gi2653402 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8413

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ctcttaccgg	gggcccagca	agatgagggg	ttgtactctg	acggtgaacc	tggaccagga	180
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tttccggagg	gattccatca	tagggaaggt	ggccatccag	aaggaggact	tgcagaagta	360
ccacaacagg	gacacctggt	tccagctgca	gcacgtggac	gctgactcgg	aagtgcaggg	420
caaagtgcac	ctggagctgc	ggctgagcga	ggtcatcaca	gacactgggg	tcgtctgcca	480
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gaagaggaag	accaacaatc	cccagtctga	tgaagtgttt	tattttgagg	tgaccgggcc	660
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ggtgagctgc	ccgaccgtca	tgtgtgacat	cttcttctcc	ctccgggagg	cggcgggcaa	1440
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gttcttttgcg	cccgccattc	tctcccccaa	cctcttccag	ctcacgccgc	accacacgga	1560
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caatgagcag	aaatatgctg	atgcggtgaa	gaacttcttg	gatctgattt	cgctctcggg	1740
gagaagagac	cccaagagtg	ttgagcagcc	catcgtgctt	aaagaagggt	tcatgatcaa	1800
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gaccaacccat	gaattttacct	accacaaaaag	caaagggggac	cagcctctct	acagcattcc	1920
catcgagaac	atcctggcag	tggagaagct	ggaggaggag	tctttcaaaa	tgaaaaacat	1980
gttccaggtc	atccagccag	agcgtgcgct	gtacatccag	gccaacaact	gcgtggaggc	2040
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ctaccaccgg	tccgcctacc	tgagcggcca	ctggctgtgc	tgtagggcgc	catccgactc	2160
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gaaatatgga	agccaggagc	accccatcgg	agacaagagc	ttccagaact	acatccggca	2520
gcagtccgag	acctccactc	attccattta	aagtctgcgg	gacgcgcca	gtggcgccag	2580
caagctgccc	atgcaaagcc	gcagcctttg	ggagggagaa	gagaaggaag	agcgcacagc	2640
cggcaaagtg	agatgcacgc	cgccccggcc	catagacaag	tggcgctggg	gtttccctct	2700
cccagaaccg	ctgccaccac	cgccacgccc	tccgcagaaa	gccacctgg	ccctgtggaa	2760
cgtgtcgtca	tttgattctg	tgctttttgc	tccttgtttg	tggggatctg	gggatcagct	2820
gaagg						2825

<210> 8414

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (277)...(618)

<223> similar to gi4210351 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8414

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cactaacttc	tggactttcc	agctcttccg	aagttcgttc	ttgcgcaaag	cccaaaggct	180
ggaaaaccgt	ccacgatgac	cagcatgact	cagtctctgc	gggagggtgat	aaaggccatg	240
accaaggctc	gcaattttga	gagagttttg	ggaaagatta	ctcttgtctc	tgtgtctcct	300
gggaaagtga	tttgtgaaat	gaaagtagaa	gaagagcata	ccaatgcaat	aggcactctc	360
cacggcggtt	tgacagccac	gttagtagat	aacatatcaa	caatggctct	gctatgcacg	420
gaaaggggag	cacccggagt	cagtgtcgat	atgaacataa	cgtacatgtc	acctgcaaaa	480
ttaggagaag	atatagtgat	tacagcacat	gttctgaagc	aaggaaaaac	acttgcatth	540
acctctgtgg	atctgaccaa	caaggccaca	ggaaaattaa	tagcacaagg	aagacacaca	600
aaacacctgg	gaaactgaga	gaacagcaga	atgacctaaa	gaaacccaac	aatgaatatc	660
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aaaaa						725

<210> 8415

<211> 660